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ANNUAL STATISTICAL SUMMARY

NEWSPRINT DIVISION

- PRODUCTION
- SHIPMENTS
- CONSUMPTION
- INVENTORY
- NEWSPAPER ADVERTISING
- NEWSPAPER CIRCULATIONS
- PREPRINTED INSERTS
- RECYCLING

NOVEMBER, 1991

American Paper Institute
260 Madison Avenue, N.Y.N.Y. 10016

UNITED STATES NEWSPRINT CONSUMPTION

(Thousands of Metric Tonnes)

YEAR	GNP Bil. of \$ in Constant 1982 \$	ANPA (Statistical Sample)	DAILYS		% of Dailys to Total Consumption	TOTAL U.S. EST. CONSUMPTION REPORTED TONNAGE			U.S. EST. CONSUMPTION at 48.8 g/m ² (3)		Tonnage Lost Due to Newspaper Strikes
			Tonnes	No. of Newspapers		M Tonnes	000 Tonnes Per Bil. \$ Real GNP	Other Uses (2)	M Tonnes	000 Tonnes Per Bil. \$ Real GNP	
1972	2,608.5	6,867	7,840	1,746	81.9	9,568	3.668	1,728	9,016	3.456	6
1973	2,744.0	6,947	8,004	1,774	81.7	9,792	3.569	1,788	9,249	3.371	15
1974 Adj. (1)	2,729.3	6,624	7,814	1,785	80.5	9,701	3.554	1,887			
1974	2,729.3	6,370	7,514	1,785	80.5	9,329	3.418	1,815	9,164	3.358	25
1975	2,695.0	5,772	6,796	1,779	81.0	8,395	3.115	1,599	8,321	3.083	6
1976	2,826.7	5,928	6,944	1,789	79.6	8,719	3.085	1,775	8,688	3.074	-
1977	2,958.6	6,143	7,210	1,764	77.7	9,279	3.136	2,069	9,280	3.137	5
1978	3,115.2	6,446	7,628	1,773	77.2	9,877	3.171	2,249	9,882	3.172	130
1979	3,192.3	6,673	7,878	1,770	77.2	10,199	3.195	2,321	10,205	3.197	3
1980	3,187.2	6,581	7,789	1,781	77.2	10,088	3.165	2,299	10,133	3.179	-
1981	3,248.7	6,506	7,813	1,785	76.9	10,164	3.129	2,351	10,219	3.146	-
1982	3,166.0	6,358	7,607	1,749	75.3	10,096	3.189	2,489	10,157	3.208	2
1983	3,279.1	6,638	7,898	1,728	75.0	10,529	3.211	2,631	10,604	3.234	-
1984	3,501.4	7,075	8,532	1,728	75.2	11,349	3.241	2,817	11,419	3.261	-
1985	3,618.7	7,199	8,725	1,752	75.8	11,507	3.180	2,782	11,571	3.198	21
1986	3,717.9	7,422	8,865	1,751	74.7	11,873	3.193	3,008	11,943	3.212	-
1987	3,845.3	7,606	9,125	1,726	74.2	12,303	3.199	3,178	12,375	3.218	-
1988	4,016.9	7,548	9,050	1,739	73.9	12,244	3.048	3,194	12,338	3.072	-
1989	4,117.7	7,546	9,077	1,719	74.2	12,241	2.973	3,164	12,343	2.998	-
1990	4,157.3	7,493	9,086	1,697	74.8	12,127	2.923	3,229	12,198	2.930	2

SOURCE: American Newspaper Publishers Association.

(1) Adjusted to 1973 g/m² - See important note in the introduction to this section.

(2) Includes newsprint used for purposes other than printing newspapers.

(3) Tonnage that would have been shipped if all basis weights used had been 48.8 g/m² or 30 # 24 X 36/500.



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SECTION I

UNITED STATES AND CANADIAN NEWSPRINT MILL STATISTICS

UNITED STATES AND CANADIAN MILLS capacity, production, operating rates, shipments and inventory. (Pages 2-5)

These data are reported to the API by its members on a monthly basis. The Canadian mills follow a similar procedure in reporting to CPPA. The figures are then communicated by each association to the other group.

Operating rates are calculated as follows:

Definition: Practical maximum capacity is the tonnage of commercial quality paper that could be produced with full use of equipment. This definition reflects scheduled shutdowns for maintenance, repair and holidays but does not consider non-scheduled shutdowns. Capacity of machines which produce more than one grade is apportioned in accordance with actual production patterns or plans for future operation.

$$\frac{\text{Practical Maximum Days Available} \times \text{Capacity Tonnes Per Day}}{\text{Total Available Tonnes}} = \text{Practical Maximum Capacity}$$
$$\frac{\text{Actual Production Tonnes}}{\text{Practical Maximum Capacity Tonnes}} = \text{Operating Rate}$$

Comment: Valuable in evaluating future relationships of supply and demand--does not reflect short-term changes in capacity due to changes in efficiency or changes in grades run.

PUBLISHER STOCKS ON HAND-END OF YEAR (Pages 6-7)

Data is compiled and published by ANPA based on a statistical sample. Included are total publishers stock in tonnes and day's supply, and inventory at U.S. and Canadian mills.

CAPACITY - IDENTIFIED (Pages 8-14)

New machines, machine shutdowns and other capacity changes that are identified by company.

NOTE: In 1974 most newsprint was reduced in weight from 32 lb. (52 g/m²) to 30 lb. (48.8 g/m²). Therefore, throughout this section we have shown two 1974 figures using the footnote "adjusted to 1973 g/m²."

UNITED STATES MILLS
(Thousands of Metric Tonnes)

YEAR	Capacity	Production	Operating Rate	SHIPMENTS			Inventory End of Year	Imports	Exports
				To United States	To Other Markets	Total		From Overseas	(Inc. Canada)
								(Bureau of Census)	
1972	3,351	3,317	99	3,219	111	3,330	24	298	132
1973	3,465	3,391	98	3,318	77	3,395	21	346	88
1974 Adj. (1)	3,528	3,348	95	3,250	97	3,347	23	NOT AVAILABLE	
1974	3,400 (2)	3,230	95	3,136	94	3,230	20	193	171
1975	3,582	3,348	93	3,235	112	3,347	19	30	150
1976	3,641	3,389	93	3,295	86	3,381	26	52	114
1977	3,691	3,512	95	3,390	117	3,507	31	0	117
1978	3,710	3,418	92	3,333	96	3,429	20	5	75
1979	3,809	3,685	97	3,602	87	3,689	16	132	64
1980	4,418	4,239	96	4,058	176	4,234	21	123	159
1981	4,951	4,752	96	4,452	283	4,735	38	36	245
1982	5,129	4,574	89	4,251	275	4,526	86	42	279
1983	5,238	4,687	89	4,409	265	4,674	99	67	268
1984	5,308	5,025	95	4,807	258	5,065	60	193	278
1985	5,300 (2)	4,924	93	4,648	279	4,927	57	333	285
1986	5,315 (2)	5,107	96	4,777	338	5,115	49	301	356
1987	5,449	5,300	97	5,026	284	5,310	36	356	308
1988	5,547R	5,427	98	5,033	382	5,415	48	275	388
1989	5,697	5,523	97	5,030	485	5,515	56	202	567
1990	6,194	5,997	90	5,580	427	6,007	46	169	486

SOURCE: Newsprint Division, American Paper Institute and Bureau of Census

(1) Adjusted to 1973 g/m² - see important note in the introduction to this section.

(2) Estimated Actual

R - Revised

NOTE: For capacity years beyond 1990, see the Newsprint Monthly Report on page 14.

CANADIAN MILLS

(Thousands of Metric Tonnes)

YEAR	Capacity	Production	Operating Rate	SHIPMENTS				Inventory End of Year	EXPORTS		
				To United States	To Canada	To Other Markets	Total		To United States	To Other Countries	Total
1972	9,067	8,001	88	5,833	709	1,533	8,075	228	5,797	1,553	7,350
1973	9,099	8,292	91	6,219	779	1,347	8,345	175	6,264	1,361	7,625
1974 Adj. (1)	9,281	9,023	97	6,567	837	1,666	9,070	132	NOT AVAILABLE		
1974	8,899	8,662	97	6,304	804	1,598	8,706	130	6,402	1,501	7,903
1975	8,980	6,966	78	4,979	784	1,247	7,010	86	5,104	1,246	6,350
1976	9,000	8,088	90	5,671	803	1,429	7,903	271	5,675	1,325	7,000
1977	8,983	8,154	91	5,751	824	1,594	8,169	256	5,748	1,518	7,266
1978	8,980	8,842	98	6,443	924	1,546	8,913	184	6,405	1,463	7,868
1979	9,063	8,756	97	6,371	971	1,437	8,779	162	6,348	1,430	7,778
1980	9,130	8,625	94	6,118	980	1,524	8,622	165	6,209	1,498	7,707
1981	9,490	8,946	94	6,061	1,045	1,809	8,915	194	6,166	1,821	7,987
1982	9,920	8,097	82	5,584	934	1,525	8,043	256	5,584R	1,525R	7,109R
1983	9,885	8,414	85	5,969	963	1,436	8,368	303	5,969R	1,436R	7,405R
1984	9,710	8,917	92	6,500	1,059	1,363	8,922	297	6,500R	1,363R	7,863R
1985	9,725	8,890	91	6,593	1,016	1,290	8,899	288	6,593R	1,290R	7,883R
1986	9,800	9,202	94	6,672	1,096	1,446	9,214	276	6,672R	1,446R	8,118R
1987	9,855	9,630	98	7,073	1,158	1,487	9,718	189	7,073R	1,487R	8,560R
1988	9,945	9,840	99	6,989	1,198	1,553	9,740	288	6,989R	1,553R	8,542R
1989	10,020	9,640	96	6,751	1,141	1,714	9,606	321	6,751R	1,714R	8,465R
1990	10,070	9,068	90	6,423	1,132	1,520	9,075	315	6,423R	1,520R	7,943R

SOURCE: Newsprint Section, Canadian Pulp and Paper Association and Statistics Canada.

(1) Adjusted to 1973 g/m² - see important note in the introduction to this section.

R - Revised - Figures from 1982-1988 for the Canadian mills have been revised to exclude some supercalendered and some soft-nip calendered paper which was originally classified as newsprint and is now classified as uncoated groundwood papers.

NOTE: For capacity years beyond 1990, see the Newsprint Monthly Report on page 14.

NORTH AMERICAN MILLS

(Thousands of Metric Tonnes)

YEAR	Capacity	Production	Operating Rate	SHIPMENTS				Inventory End of Year
				To United States	To Canada	To Other Markets	Total	
1972	12,418	11,318	91	9,052	709	1,644	11,405	252
1973	12,564	11,683	93	9,537	779	1,424	11,740	196
1974 Adj. (1)	12,809	12,371	97	9,817	837	1,763	12,417	155
1974	12,299 (2)	11,892	97	9,440	804	1,692	11,936	150
1975	12,562	10,314	82	8,214	784	1,359	10,357	105
1976	12,641	11,477	91	8,966	803	1,515	11,284	297
1977	12,674	11,666	92	9,141	824	1,711	11,676	287
1978	12,690	12,260	97	9,776	924	1,642	12,342	204
1979	12,872	12,441	97	9,973	971	1,524	12,468	178
1980	13,548	12,864	95	10,176	980	1,700	12,856	186
1981	14,441	13,698	95	10,513	1,045	2,092	13,650	232
1982	15,049	12,671	84	9,835	934	1,800	12,569	342
1983	15,123	13,101	87	10,378	963	1,701	13,042	402
1984	15,018	13,942	93	11,307	1,059	1,621	13,987	357
1985	15,025 (2)	13,814	92	11,241	1,016	1,569	13,826	345
1986	15,115 (2)	14,309	95	11,449	1,096	1,784	14,329	325
1987	15,304	14,930	98	12,099	1,158	1,771	15,028	225
1988	15,492	15,267	99	12,022	1,198	1,935	15,155	336
1989	15,717	15,163	96	11,781	1,141	2,199	15,121	377
1990	16,264	15,065	93	12,003	1,132	1,947	15,082	361

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.

(1) Adjusted to 1973 g/m² - see important note in the introduction to this section.

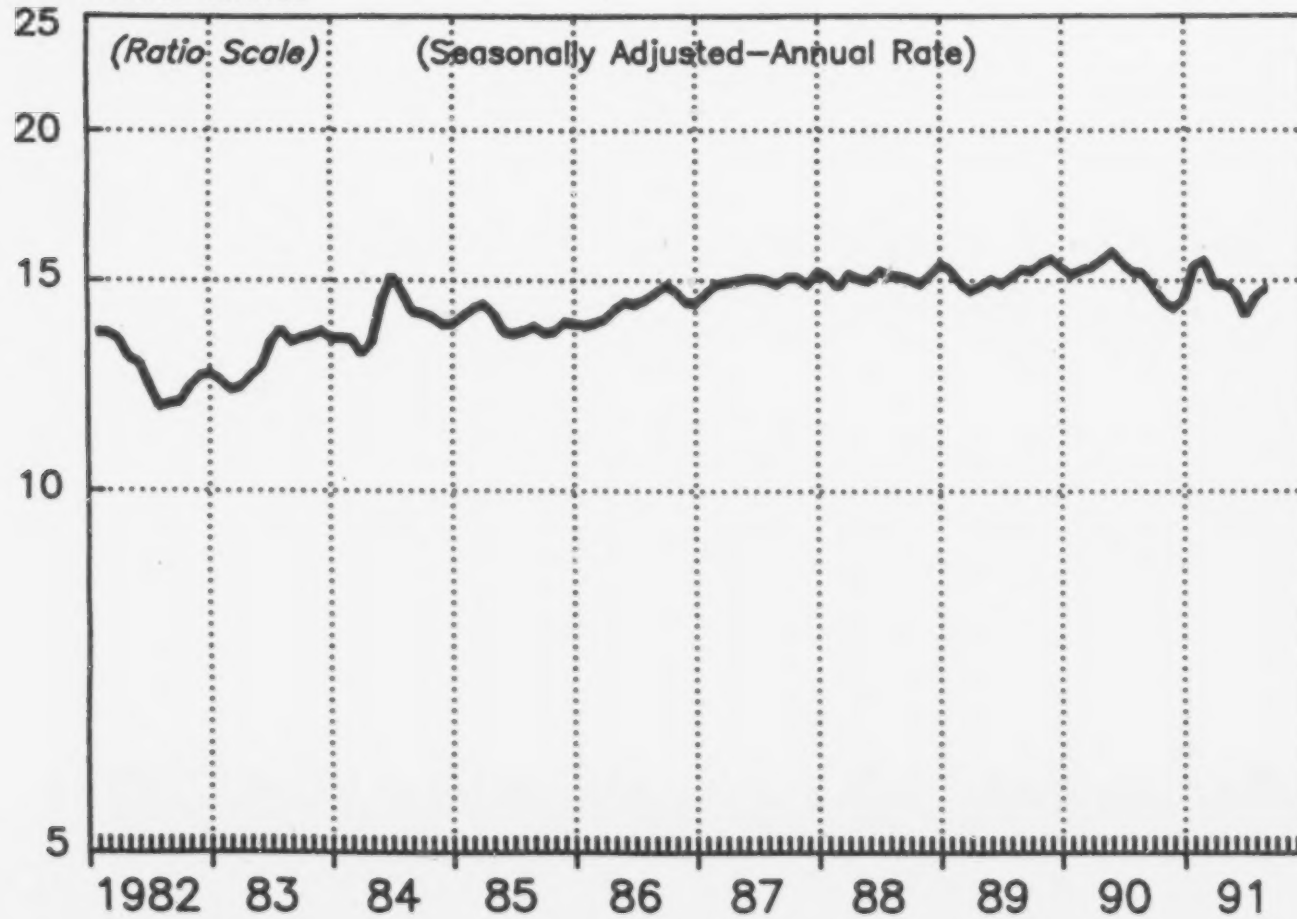
(2) Estimated Actual

NOTE: For capacity years beyond 1990, see the Newsprint Monthly Report on page 14.

NORTH AMERICAN SHIPMENTS

SEASONALLY ADJUSTED - ANNUAL RATE - TWO MONTH MOVING AVERAGE

Mils. metric tonnes



STOCKS ON HAND - END OF YEAR

(Thousands of Metric Tonnes)

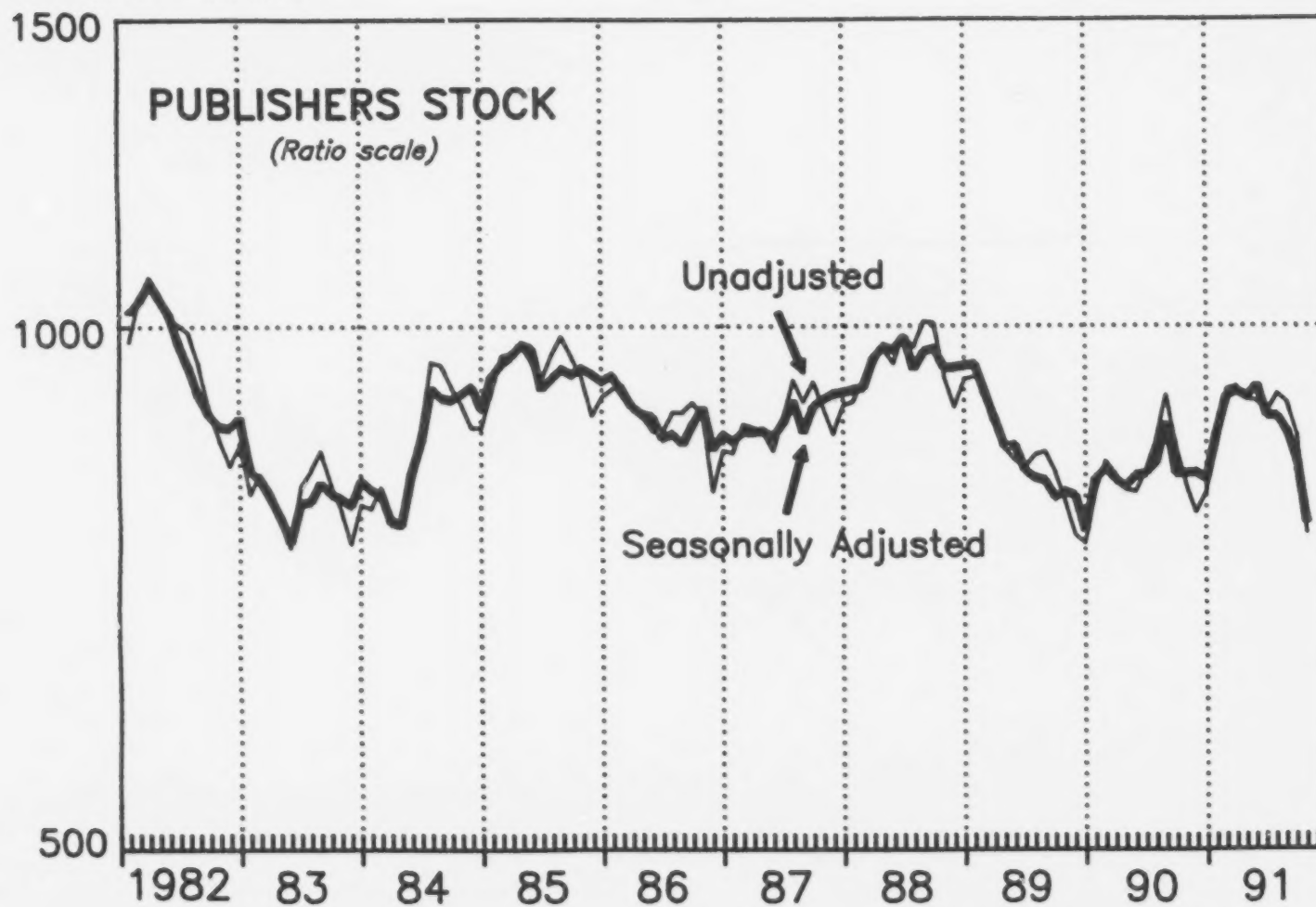
YEAR	ANPA Publishers Stock (Statistical Sample)	Day's Supply - ANPA Survey	Total Publishers Stocks (2)	At United States Mills	At Canadian Mills	Total Stocks
1972	493	25	667	24	228	919
1973	547	30	757	21	175	953
1974 Adj. (1)	780			23	132	
1974	750	44	1,061	20	130	1,211
1975	666	42	911	19	86	1,016
1976	835	50	1,209	26	271	1,506
1977	722	41	1,071	31	256	1,358
1978	660	40	971	20	184	1,175
1979	628	38	877	16	162	1,055
1980	732	45	1,090	21	165	1,276
1981	961	60	1,478	38	194	1,710
1982	854	51	1,258	86	256	1,600
1983	790	46	1,175	99	303	1,577
1984	874	50	1,322	60	297	1,679
1985	910	49	1,388	57	288	1,733
1986	849	45	1,263	49	276	1,588
1987	900	47	1,412	36	189	1,637
1988	932	49	1,464	48	288	1,800
1989	749	38	1,204	56	321	1,581
1990	801	43	1,241	46	315	1,602

SOURCE: American Newspaper Publishers Association, Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association (CPPA).

- (1) Adjusted to 1973 g/m² - see important note in the introduction to this section.
- (2) The figures are derived by CPPA based on the assumption that all users of newsprint changed their inventory levels in the same proportion as the ANPA Statistical sample. They should be used with caution.

PUBLISHERS STOCK

'000 Metric tonnes



ANNOUNCED CAPACITY CHANGES

UNITED STATES MILLS

1980-1985

(Metric Tonnes)

COMPANY	LOCATION	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Bear Island Paper Co.	Doswell, VA	Early '80	New Machine	159,000	-	159,000
Boise Southern Corp.	DeRidder, LA	April '80	New Machine	172,000	-	172,000
Publishers Paper Co.	Newberg, OR	Jan. '81	New Machine	190,000	-	190,000
St. Regis Paper Co.	Sheldon, TX	Mar. '81	Machine transfer from other grades and improvements	130,000	N.A.	130,000
North Pacific Paper Co.	Longview, WA	2nd Qtr. '81	New Machine	190,000	-	190,000
Garden State Paper Co.	Garfield, NJ	Mid '81	Improvements	11,400	-	11,400
Garden State Paper Co.	Pomona, CA	3rd Qtr. '81	Improvements	22,600	-	22,600
Southwest Forest Industries	Snowflake, AZ	June '82	Liner Board to Newsprint	109,000	-109,000	0
Augusta Newsprint Company	Augusta, GA	4th Qtr. '83	New Machine	200,000	-	200,000
International Paper Company	Pine Bluff, AR	1st Qtr. '84	Permanent retirement from Newsprint-Conversion and rebuild to Coated Groundwood in 3rd Qtr. '86	-170,000	181,000	11,000
Publishers Paper Company	Oregon City, OR	1st Qtr. '84	Permanently idle machine - has been on indefinite shutdown since April '82	-23,000	-	-23,000
International Paper Company	Mobile, AL	Early '85	Permanent retirement from Newsprint-reconfiguration to Uncoated Free Sheet	-110,000	-	-110,000

ANNOUNCED CAPACITY CHANGES

UNITED STATES MILLS

1986-1989

(Metric Tonnes)

COMPANY	LOCATION	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Great Northern	E. Millinocket, ME	1986-1988	Mill Improvements - gain in Newsprint, loss in Uncoated Groundwood.	27,000	-16,000	11,000
NONE FOR 1987						
NONE FOR 1988						
Newsprint South R	Grenada, MS	'90	New Mill	194,000	-	194,000
Southeast R	Dublin, GA	'90	New Machine	230,000	-	230,000
Ponderay R	Usk, WA	'90	New Mill	170,000	-	170,000
Alabama River	Claiborne, AL	'90	New Mill	222,000	-	222,000

NOTE: For years beyond 1990, see the Newsprint Monthly Report on Page 14.

NEWSPRINT CAPACITY
As of April, 1991

<u>Company & Mill Location</u>	(METRIC TONNES)	
	<u>1990 (R)</u>	<u>1991 (P)</u>
Alabama River Newsprint Co., Claiborne, AL	64,000	220,000
Augusta Newsprint Co., Augusta, GA	352,000	352,000
Bear Island Paper Co., Ashland, VA	203,000	203,000
Boise Cascade Corp., Steilacoom, WA	187,000	178,000
Boise Cascade Corp., De Ridder, LA	<u>352,000</u>	<u>361,000</u>
Total Boise Cascade Corporation	539,000	539,000
Bowater Inc., (Southern Div.) Calhoun, TN	728,000	513,000
Bowater Inc., (Calhoun Newsprint Co.) Calhoun, TN	NA	215,000
Bowater Inc., (Carolina Div.) Catawaba, SC	<u>212,000</u>	<u>211,000</u>
Total Bowater Incorporated	940,000	939,000
Champion International Corp., Sheldon, TX	429,000	450,000
Champion International Corp., Lufkin, TX	<u>355,000</u>	<u>355,000</u>
Total Champion International Corporation	784,000	805,000
FSC Paper Co., L.P., Alsip, IL	122,000	132,000
Garden State Paper Co., Inc., Garfield, NJ	205,000	209,000
Georgia-Pacific Corp., East Millinocket, ME	295,000	295,000
Inland Empire Paper Co., Millwood, WA	72,000	72,000
James River Corp., Wauna, OR	16,000	16,000
Kimberly-Clark Corp., Coosa Pines, AL ⁽¹⁾	305,000	310,000
Manistique Papers Inc., Manistique, MI	56,000	53,000
Newsprint South Inc., Grenada, MS	194,000	209,000
North Pacific Paper Co., Longview, WA	476,000	524,000
Ponderay Newsprint Co., Usk, WA	170,000	205,000
Smurfit Newsprint Corp., Newberg, OR	359,000	361,000
Smurfit Newsprint Corp., Oregon City, OR	219,000	219,000
Smurfit Newsprint Corp., Pomona, CA	<u>122,000</u>	<u>129,000</u>
Total Smurfit Newsprint Corporation	700,000	709,000
Southeast Paper Manufacturing Co., Dublin, GA	392,000	406,000
Stone Container Corp., Snowflake, AZ	275,000	279,000
TOTAL ALL COMPANIES	6,160,000	6,477,000

(1) Source: American Newspaper Publishers Association
Kimberly-Clark Corporation is not a member of API.

(R) - Revised (P) - Preliminary NA - Not Available

ANNOUNCED CAPACITY CHANGES

CANADIAN MILLS

1974-1980

(Metric Tonnes)

COMPANY	LOCATION	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Consolidated-Bathurst	Shawinigan Falls, QUE	Jan' 74		68,000	-	68,000
Abitibi	Thunder Bay, ONT & Beupre, QUE	Early '75		27,000	-	27,000
Three Rivers	Three Rivers, QUE	Early '75		122,000	-	122,000
Consolidated-Bathurst	Port Alfred, QUE	Mid '75		27,000	-	27,000
F.F. Soucy	Riviere du Loup, QUE	Spring '76		118,000	-	118,000
Spruce Falls	Kapuskasing, ONT	Jan. '77		32,000	-	32,000
Consolidated-Bathurst	Port Alfred, QUE	Dec. '77		32,000	-	32,000
Price	Grand Falls & Alma	'77		70,000	-	70,000
None for 1978						
	Unidentified	1979		45,000	-	45,000
	Unidentified	1980		45,000	-	45,000
Abitibi-Price	Kenogami, QUE	Early '80		30,000	-	30,000
Consolidated-Bathurst	Port Alfred, QUE	1980		30,000	-	30,000
MacMillan Bloedel	Port Alberni, BC	1980		50,000	-	50,000
CIP Inc.	Gatineau, QUE	Late '80		40,000	-	40,000
Kruger	Three Rivers, QUE	Late '80		18,000	-	18,000

**ANNOUNCED CAPACITY CHANGES
CANADIAN MILLS
1981-1985
(Metric Tonnes)**

COMPANY	LOCATION	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Consolidated-Bathurst	Port Alfred, QUE	1981		20,000	-	20,000
MacMillan Bloedel	Powell River, BC	March '81		160,000	-	160,000
Abitibi-Price	Stephenville, NFLD	June '81		160,000	-	160,000
Kruger	Bromptonville, QUE	July '81		16,000	-	16,000
CIP Inc.	Gatineau, QUE	Late '81		30,000	-	30,000
Ontario	Thorold, ONT	1982	Two new machines are replacing five old machines with a net gain of 80,000 tonnes	80,000	-	80,000
Crown	Elk Falls, BC	Feb. '82		180,000	-	180,000
Donohue-Normick	Amos, QUE	March '82		150,000	-	150,000
British Columbia	Crofton, BC	June '82		170,000	-	170,000
Consolidated-Bathurst	Belgo, QUE	Nov. '82		40,000	-	40,000
Consolidated-Bathurst	Grand Mere, QUE	Nov. '82	Machine permanently shut down	-11,000	-	-11,000
Consolidated-Bathurst	Port Alfred, QUE	1982-1983		36,000	-	36,000
Abitibi-Price	Grand Falls, NFLD	Jan '83	Machine permanently shut down	-33,000	-	-33,000
CIP Inc.	Dalhousie, NB	1st Qtr. '83		90,000	-	90,000
Abitibi-Price	Iroquois Falls, ONT	April '83	Net increase - one new machine with capacity of 490 tonnes per day replacing four existing ones.	40,000	-	40,000
Bowater	Corner Brook, NFLD	April '83	Machine permanently shut down	-100,000	-	-100,000
Consolidated-Bathurst	Shawinigan, QUE	Sept. '83	Machine permanently shut down	-40,000	-	-40,000
Consolidated-Bathurst	Grand Mere, QUE	Sept '83	Machine permanently shut down	-15,000	-	-15,000
Abitibi-Price	Beaupre, QUE	Oct. '83	Conversion to Uncoated Groundwood Paper	-140,000	140,000	0
None for 1984						
Kruger	Corner Brook, NFLD	Sept. '85	Start up of a machine shutdown in April 1983 (See Bowater)	100,000	-	100,000
James MacLaren	Masson, QUE	Oct. '85	One new machine replacing two old machines with a net gain of 20,000 tonnes	20,000	-	20,000
MacMillan Bloedel Ltd.	Powell River, BC	1985	Rebuild of No. 9 machine - 40,000 tonnes of newsprint and 45,000 tonnes of uncoated groundwood	40,000	45,000	85,000

ANNOUNCED CAPACITY CHANGES

CANADIAN MILLS

1986-1988

(Metric Tonnes)

COMPANY	LOCATION	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
None for 1986						
Consolidated-Bathurst	Ville de La Baie, QUE	1987	Improvements	72,000	-	72,000
Stora	Port Hawkesbury, N.S.	1987	Improvements	20,000	-	20,000
CIP Inc.	Gatineau, QUE	Feb. '87	New Machine - 147,000 - replacing an old machine - Net gain of 85,000	85,000	-	85,000
Abitibi-Price	Alma, QUE	Early '87	Mill conversion to Uncoated Groundwood - loss of newsprint at this mill will be absorbed by other mills	-59,000	41,000	-18,000
Abitibi-Price	Kenogami, QUE	'87-'90	Conversion and/or retirement of two paper machines	-75,000	-	-75,000
MacMillan Bloedel	Powell River, BC	Late '87	Decrease in newsprint - increase in Groundwood Specialties	-50,000	86,000	36,000
Donohue	Clermont, QUE	Nov. '87	New Machine (#5) 180,000 - replacing an old machine(#3)- Net gain of 140,000	140,000	-	140,000
Gaspesia	Chandler, QUE	1987 - 1990	Modernization of mill	22,000	-	22,000
Kruger	Corner Brook, NFLD	1987 - 1991	Machine Improvements	60,000	-	60,000
Quebec & Ontario	Baie Comeau, QUE	1987 - 1988	Machines (#1-#2 & #4) improvements	17,000	-	17,000
Quebec & Ontario	Thorold, ONT	1987 - 1991	Improvements	15,000	-	15,000
Abitibi-Price	Alma, QUE	1988	Conversion of machine (#9) from Newsprint to Uncoated Groundwood	-45,000	45,000	0
MacMillan Bloedel	Powell River, B.C.	Jan. 1988	Upgrade (#8) machine idle since 1985	65,000	-	65,000
F.F. Soucy	Riviere-Du-Loupe	Late 1988	Rebuild-#2 machine	20,000	-	20,000
James MacLaren	Masson, QUE	1988 - 1990	#3 machine improvements	30,000	-	30,000

ANNOUNCED CAPACITY CHANGES

CANADIAN MILLS

1989 - 1991

(Metric Tonnes)

COMPANY	LOCATION	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Fletcher Challenge	Crofton, B.C.	1989	Improvements	35,000	-	35,000
Abitibi-Price	Alma, QUE	Feb. '89	Conversion of machine (#10) from Newsprint to Uncoated Groundwood	-55,000	45,000	-10,000
Donohue	Clermont, QUE	Feb. '89	Shutdown of #2 machine	-40,000	-	-40,000
Finlay Forest Ind.	Mackenzie, B.C.	Feb. '89	New Machine	180,000	-	180,000
St. Raymond	St. Raymond, QUE	May '89	Mill Closed (Newsprint & Uncoated G'wood). Plans to reopen in Sept. 1990 as a Coated Mill 70,000 capacity	-30,000	-30,000	-60,000
MacMillan Bloedel	Powell River, B.C.	Aug. '90	#8 machine shutdown	-40,000	-	-40,000
Gold River Newsprint	Gold River, BC	Nov. '89	New Mill	230,000	-	230,000
Stone Consolidated	Shawinigan, QUE	Dec. '89	#5 machine shutdown	-45,000	-	-45,000
Fletcher Challenge	Elk Falls, BC	By 1989	Expansion	50,000	-	50,000
Bowater Mersey	Brooklyn, N.S.	Late '89	Improvements	50,000	-	50,000

NOTE: For years beyond 1991, see the Newsprint Monthly Report on page 14.

SECTION II

MARKET DATA

UNITED STATES CONSUMPTION (Pages 16-17)

Statistics for three series of newsprint consumption in the United States as follows:

1. ANPA statistical sample newspapers. (ANPA maintains a sample of approximately 525 newspapers. If one of the papers included should no longer exist, ANPA adds another paper of similar size and location to the sample.)
2. ANPA data for all the daily newspapers in the United States. (These figures represent the statistical sample plus all other daily papers.)
3. Total U.S. estimated consumption takes into account the total shipments of newsprint to the United States from domestic and foreign sources and the changes in publisher inventories. This series includes newsprint consumed by "other users." The full historical series is also shown based on a common 30 lb. (48.8 grams per square meter) basis.

SHIPMENTS BY DESTINATION AND CONSUMPTION OF DAILY NEWSPAPERS (Pages 18-32)

The shipments by state of destination are reported to API and CPPA by their respective members. The estimated consumption figures are obtained from ANPA. ANPA prepares this estimate based on 1,697 daily newspapers which account for 74.8 percent of 1990's estimated total U.S. newsprint of 12,126,000 tonnes (for example year 1990).

UNITED STATES NEWSPAPERS (Pages 33-36)

1. Circulation and advertising expenditures
2. Newspaper insert statistics -- figures for pieces of inserts were obtained from the Newspaper Advertising Bureau -- the conversion from pieces to tonnes was prepared by API based on material in a report published by the Graphic Arts Technical Foundation, Pittsburgh, Pa.
3. Advertising lineage of selected publicly held newspapers -- this series is shown in column inches.
4. 48 largest U.S. newspaper companies by daily circulation
5. Advertising lineage and revenue for selected publisher organizations

NOTE: In 1974 most newsprint was reduced in weight from 32 lb. (52 g/m²) to 30 lb. (48.8 g/m²). Therefore, throughout this section we have shown two 1974 figures using the footnote "adjusted to 1973 g/m²."

UNITED STATES NEWSPRINT CONSUMPTION

(Thousands of Metric Tonnes)

YEAR	GNP Bil. of \$ in Constant 1982 \$	ANPA (Statistical Sample)	DAILYS		% of Dailys to Total Consumption	TOTAL U.S. EST. CONSUMPTION REPORTED TONNAGE			U.S. EST. CONSUMPTION at 48.8 g/m ² (3)		Tonnage Lost Due to Newspaper Strikes
			Tonnes	No. of Newspapers		M Tonnes	000 Tonnes Per Bil. \$ Real GNP	Other Uses (2)	M Tonnes	000 Tonnes Per Bil. \$ Real GNP	
1972	2,608.5	6,867	7,840	1,746	81.9	9,568	3.668	1,728	9,016	3.456	6
1973	2,744.0	6,947	8,004	1,774	81.7	9,792	3.569	1,788	9,249	3.371	15
1974 Adj. (1)	2,729.3	6,624	7,814	1,785	80.5	9,701	3.554	1,887			
1974	2,729.3	6,370	7,514	1,785	80.5	9,329	3.418	1,815	9,164	3.358	25
1975	2,695.0	5,772	6,796	1,779	81.0	8,395	3.115	1,599	8,321	3.088	6
1976	2,826.7	5,928	6,944	1,789	79.6	8,719	3.085	1,775	8,688	3.074	-
1977	2,958.6	6,143	7,210	1,764	77.7	9,279	3.136	2,069	9,280	3.137	5
1978	3,115.2	6,446	7,628	1,773	77.2	9,877	3.171	2,249	9,882	3.172	130
1979	3,192.3	6,673	7,878	1,770	77.2	10,199	3.195	2,321	10,205	3.197	3
1980	3,187.2	6,581	7,789	1,781	77.2	10,088	3.165	2,299	10,133	3.179	-
1981	3,248.7	6,506	7,813	1,785	76.9	10,164	3.129	2,351	10,219	3.146	-
1982	3,166.0	6,358	7,607	1,749	75.3	10,096	3.189	2,489	10,157	3.208	2
1983	3,279.1	6,638	7,898	1,728	75.0	10,529	3.211	2,631	10,604	3.234	-
1984	3,501.4	7,075	8,532	1,728	75.2	11,349	3.241	2,817	11,419	3.261	-
1985	3,618.7	7,199	8,725	1,752	75.8	11,507	3.180	2,782	11,571	3.198	21
1986	3,717.9	7,422	8,865	1,751	74.7	11,873	3.193	3,008	11,943	3.212	-
1987	3,845.3	7,606	9,125	1,726	74.2	12,303	3.199	3,178	12,375	3.218	-
1988	4,016.9	7,548	9,050	1,739	73.9	12,244	3.048	3,194	12,338	3.072	-
1989	4,117.7	7,546	9,077	1,719	74.2	12,241	2.973	3,164	12,343	2.998	-
1990	4,157.3	7,493	9,086	1,697	74.8	12,127	2.923	3,229	12,198	2.930	2

SOURCE: American Newspaper Publishers Association.

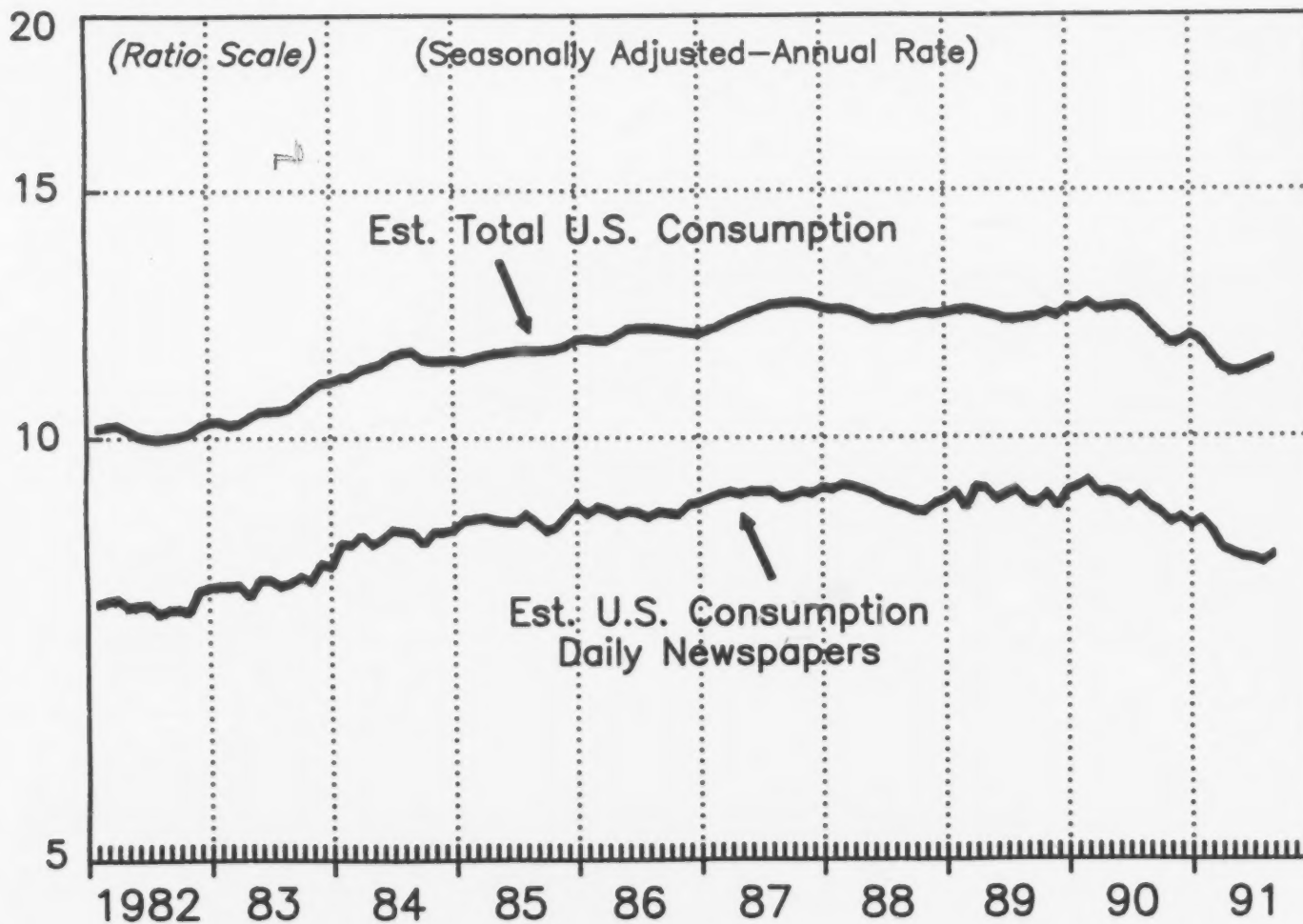
(1) Adjusted to 1973 g/m² - See important note in the introduction to this section.

(2) Includes newsprint used for purposes other than printing newspapers.

(3) Tonnage that would have been shipped if all basis weights used had been 48.8 g/m² or 30 # 24 X 36/500.

TOTAL UNITED STATES NEWSPRINT CONSUMPTION

Mils. metric tonnes



SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - NEW ENGLAND

(Thousands of Metric Tonnes)

YEAR	MASSACHUSETTS				OTHER CT - NH - RI - VT - ME				NEW ENGLAND			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	85.1	178.4	263.5	222.9	78.3	256.0	334.3	183.0	163.4	434.4	597.8	405.9
1979	83.9	178.7	262.6	225.5	77.0	254.6	331.6	183.2	160.9	433.3	594.2	408.7
1980	79.8	193.9	273.7	228.6	91.2	242.6	333.8	175.6	171.0	436.5	607.5	404.2
1981	86.2	212.6	298.8	234.1	70.7	241.4	312.1	169.5	156.9	454.0	610.9	403.6
1982	79.2	192.7	271.9	230.5	65.3	238.1	303.4	162.5	144.5	430.8	575.3	393.0
1983	72.8	234.4	307.2	254.0	65.2	236.6	301.8	173.0	138.0	471.0	609.0	427.0
1984	73.6	291.4	365.0	281.6	72.5	249.4	321.9	187.8	146.1	540.8	686.9	469.4
1985	85.7	251.5	337.2	289.7	65.8	307.2	373.0	196.8	151.5	558.7	710.2	486.5
1986	97.0	291.2	388.2	307.5	76.5	316.5	393.0	199.0	173.5	607.7	781.2	506.5
1987	101.3	286.2	387.5	328.7	78.9	344.9	423.8	223.1	180.2	631.1	811.3	551.8
1988	102.2	309.1	411.3	325.0	83.4	328.6	412.0	221.8	185.6	637.7	823.3	546.8
1989	103.9	291.9	395.8	308.0	75.2	285.3R	360.5R	212.4	179.1	577.2R	756.3R	520.4
1990	106.5	266.9	373.4	287.5	82.1	293.2	375.3	188.6	188.6	560.1	748.7	476.1

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - MIDDLE ATLANTIC

(Thousands of Metric Tonnes)

YEAR	NEW JERSEY				NEW YORK				PENNSYLVANIA			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	95.5	254.5	350.0	248.1	85.7	790.2	875.9	724.5	84.6	467.4	552.0	414.8
1979	103.2	278.6	381.8	249.7	91.9	814.2	906.1	821.8	89.9	448.1	538.0	406.2
1980	121.7	273.8	395.5	249.4	90.3	841.8	932.1	822.7	84.9	464.9	549.8	413.6
1981	126.0	320.6	446.6	253.6	93.5	838.4	931.9	831.2	82.4	485.9	568.3	414.4
1982	128.9	300.2	429.1	256.1	90.1	799.8	889.9	827.2	89.7	419.8	509.5	395.4
1983	138.3	366.2	504.5	281.6	94.2	781.0	875.2	833.6	90.4	461.0	551.4	407.7
1984	149.8	366.8	516.6	298.4	97.9	827.9	925.8	875.8	93.5	525.7	619.2	421.9
1985	145.5	421.8	567.3	338.3	96.2	836.8	933.0	904.3	95.8	450.7	546.5	410.6
1986	134.9	436.4	571.3	355.1	127.7	834.5	962.2	924.2	101.7	473.6	575.3	430.1
1987	165.0	491.5	656.5	395.0	113.3	873.3	986.6	963.0	101.5	497.3	598.8	429.6
1988	167.6	442.0	609.6	391.8	98.7	871.8	970.5	934.8	100.5	492.3	592.8	423.5
1989	174.6	380.9	555.5	357.9	91.9	822.6	914.5	880.8	112.1	476.0R	588.1R	419.9
1990	158.3	390.1	548.4	347.2	90.0	753.8	843.8	818.9	136.1	428.7	564.8	413.7

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - MIDDLE ATLANTIC (CON'T) - NORTHEAST

(Thousands of Metric Tonnes)

YEAR	MIDDLE ATLANTIC				NORTH EAST			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	265.8	1,512.1	1,777.9	1,387.4	429.2	1,946.5	2,375.7	1,793.3
1979	285.0	1,540.9	1,825.9	1,477.7	445.9	1,974.2	2,420.1	1,886.4
1980	296.9	1,580.5	1,877.4	1,485.7	467.9	2,017.0	2,484.9	1,889.9
1981	301.9	1,644.9	1,946.8	1,499.2	458.8	2,098.9	2,557.7	1,902.8
1982	308.7	1,519.8	1,828.5	1,478.7	453.2	1,950.6	2,403.8	1,871.7
1983	322.9	1,608.2	1,931.1	1,522.9	460.9	2,079.2	2,540.1	1,949.9
1984	341.2	1,720.4	2,061.6	1,596.1	487.3	2,261.2	2,748.5	2,065.0
1985	337.5	1,709.3	2,046.8	1,653.2	489.0	2,268.0	2,757.0	2,139.7
1986	364.3	1,744.5	2,108.8	1,709.4	537.8	2,352.2	2,890.0	2,215.9
1987	379.8	1,862.1	2,241.9	1,787.6	560.0	2,493.2	3,053.2	2,339.4
1988	366.8	1,806.1	2,172.9	1,750.1	552.4	2,443.8	2,996.2	2,296.9
1989	378.6	1,679.5R	2,058.1R	1,658.6	557.7	2,256.7R	2,814.4R	2,179.0
1990	384.4	1,572.6	1,957.0	1,579.8	573.0	2,132.7	2,705.7	2,055.9

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - EAST NORTH CENTRAL

(Thousands of Metric Tonnes)

YEAR	ILLINOIS				INDIANA				WISCONSIN			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	131.1	551.3	682.4	478.7	16.5	183.1	199.6	147.3	13.5	172.0	185.5	152.0
1979	132.7	536.8	669.5	443.4	17.9	205.8	223.7	144.8	14.4	178.9	193.3	150.3
1980	143.1	494.6	637.7	422.4	21.6	188.4	210.0	137.2	18.5	156.8	175.3	139.1
1981	147.7	478.6	626.3	402.2	23.3	199.0	222.3	132.1	20.3	154.7	175.0	132.8
1982	153.5	418.5	572.0	381.1	23.5	168.3	191.8	128.3	19.4	154.0	173.4	123.9
1983	156.6	458.2	614.8	397.0	22.2	136.4	158.6	131.3	16.6	173.2	189.8	123.1
1984	156.0	520.6	676.6	447.3	25.5	159.2	184.7	134.2	22.8	171.2	194.0	126.0
1985	150.9	501.1	652.0	438.7	26.4	155.1	181.5	139.3	20.4	165.2	185.6	127.5
1986	155.3	504.6	659.9	445.4	33.2	155.3	188.5	143.2	13.9	167.5	181.4	128.4
1987	122.5	558.9	681.4	456.1	44.0	173.9	217.9	148.2	15.8	169.7	185.5	130.5
1988	118.9	560.6	679.5	451.6	40.5	163.8	204.3	149.2	15.1	170.3	185.4	130.5
1989	129.9	529.7	659.6	448.5	39.1	165.2	204.3	151.3	16.2	154.5	170.7	130.0
1990	141.4	485.8	627.2	439.9	42.3	150.0	192.3	147.8	22.3	157.4	179.7	128.3

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - EAST NORTH CENTRAL (CON'T)

(Thousands of Metric Tonnes)

YEAR	OTHER MI - OH				EAST NORTH CENTRAL			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	37.9	905.5	943.4	701.6	199.0	1,811.9	2,010.9	1,479.6
1979	37.3	891.7	929.0	709.2	202.3	1,813.2	2,015.5	1,447.7
1980	54.7	851.2	905.9	671.7	237.9	1,691.0	1,928.9	1,370.4
1981	50.2	851.1	901.3	649.4	241.5	1,683.4	1,924.9	1,316.5
1982	72.7	705.6	778.3	588.4	269.1	1,446.4	1,715.5	1,221.7
1983	99.5	703.7	803.2	602.5	294.9	1,471.5	1,766.4	1,253.9
1984	92.9	751.9	844.8	625.8	297.2	1,602.9	1,900.1	1,333.3
1985	94.4	790.9	885.3	647.3	292.1	1,612.3	1,904.4	1,352.8
1986	101.4	752.0	853.4	676.6	303.8	1,579.4	1,883.2	1,393.6
1987	128.7	766.6	895.3	678.9	311.0	1,669.1	1,980.1	1,413.7
1988	128.8	733.4	862.2	660.5	303.3	1,628.1	1,931.4	1,391.8
1989	149.1	718.9	868.0	668.8	334.3	1,568.3	1,902.6	1,398.6
1990	219.2	651.2	870.4	623.5	425.2	1,444.4	1,869.6	1,339.5

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - WEST NORTH CENTRAL

(Thousands of Metric Tonnes)

YEAR	IOWA				KANSAS				MISSOURI				NEBRASKA			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	12.6	76.9	89.5	70.3	34.8	22.6	57.4	45.3	102.8	127.9	230.7	171.7	10.8	47.1	57.9	47.6
1979	14.6	76.8	91.4	67.5	33.5	23.2	56.7	44.2	114.2	133.0	247.2	179.2	13.7	49.2	62.9	47.4
1980	16.6	69.9	86.5	64.8	31.3	21.2	52.5	39.9	114.8	119.1	233.9	169.3	14.7	47.5	62.2	45.5
1981	16.4	76.0	92.4	62.9	32.4	23.6	56.0	39.1	110.7	109.1	219.8	161.2	15.3	44.6	59.9	44.3
1982	13.8	78.8	92.6	65.6	32.0	20.9	52.9	37.7	102.7	96.0	198.7	156.6	16.4	40.2	56.6	40.8
1983	17.3	82.2	99.5	68.5	33.0	27.9	60.9	38.3	104.6	105.6	210.2	165.6	13.8	48.3	62.1	42.8
1984	17.4	91.8	109.2	74.8	35.8	36.1	71.9	42.1	82.5	134.3	216.8	175.3	11.9	48.5	60.4	46.2
1985	13.9	91.2	105.1	70.2	31.0	34.2	65.2	43.1	80.9	140.6	221.5	174.2	12.1	46.7	58.8	47.7
1986	12.6	98.7	111.3	73.6	33.5	28.7	62.2	42.2	77.0	126.4	203.4	171.3	19.4	43.9	63.3	46.3
1987	8.7	114.2	122.9	74.0	29.4	31.9	61.3	41.9	78.6	145.2	223.8	180.2	23.5	44.2	67.7	46.1
1988	12.8	98.5	111.3	72.4	22.5	35.1	57.6	41.5	63.0	156.9	219.9	173.9	19.9	39.7	59.6	46.2
1989	13.9	93.7R	107.6R	73.2	16.8	37.8	54.6	41.5	72.6	147.8	220.4	174.2	17.9	38.4	56.3	47.4
1990	17.6	100.6	118.2	72.6	27.5	35.8	63.3	40.5	84.6	126.9	211.5	165.9	22.0	34.1	56.1	47.1

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - WEST NORTH CENTRAL (CONT.) - MIDWEST

(Thousands of Metric Tonnes)

YEAR	OTHER MN - ND - SD				WEST NORTH CENTRAL				MIDWEST			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	12.8	191.4	204.2	146.7	173.8	465.9	639.7	481.6	372.8	2,277.8	2,650.6	1,961.2
1979	11.1	197.9	209.0	151.0	187.1	480.1	667.2	489.3	389.4	2,293.3	2,682.7	1,937.0
1980	15.7	179.0	194.7	132.8	193.1	436.7	629.8	452.3	431.0	2,127.7	2,558.7	1,822.7
1981	21.0	173.4	194.4	136.5	195.8	426.7	622.5	444.0	437.3	2,110.1	2,547.4	1,760.5
1982	13.3	164.7	178.0	128.1	178.2	400.6	578.8	428.8	447.3	1,847.0	2,294.3	1,650.5
1983	14.1	174.2	188.3	132.2	182.8	438.2	621.0	447.4	477.7	1,909.7	2,387.4	1,701.3
1984	12.7	197.9	210.6	134.0	160.3	508.6	668.9	472.4	457.5	2,111.5	2,569.0	1,805.7
1985	13.3	194.8	208.1	148.8	151.2	507.5	658.7	484.0	443.3	2,119.8	2,563.1	1,836.8
1986	11.8	204.1	215.9	150.9	154.3	501.8	656.1	484.3	458.1	2,081.2	2,539.3	1,877.9
1987	11.2	202.2	213.4	160.0	151.4	537.7	689.1	502.2	462.4	2,206.8	2,669.2	1,915.9
1988	14.7	216.2	230.9	158.5	132.9	546.4	679.3	492.5	436.2	2,174.5	2,610.7	1,884.3
1989	17.0	189.8	206.8	159.3	138.2	507.5R	645.7R	495.6	472.5	2,075.8R	2,548.3R	1,894.2
1990	30.9	190.3	221.2	154.7	182.6	487.7	670.3	480.8	607.8	1,932.1	2,539.9	1,820.3

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - SOUTH ATLANTIC

(Thousands of Metric Tonnes)

YEAR	FLORIDA				GEORGIA				MARYLAND				NORTH CAROLINA			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	186.3	332.5	518.8	424.7	129.3	29.2	158.5	131.4	34.8	100.6	135.4	95.7	98.6	31.1	129.7	120.5
1979	231.2	283.5	514.7	443.6	139.5	24.1	163.6	136.7	37.6	85.4	123.0	95.7	102.9	21.3	124.2	117.2
1980	303.1	220.1	523.2	456.3	159.0	18.2	177.2	130.3	55.0	88.7	143.7	97.2	127.0	12.2	139.2	121.7
1981	354.0	230.6	584.6	481.3	162.4	17.0	179.4	127.1	56.6	85.2	141.8	99.6	130.0	18.6	148.6	121.7
1982	290.2	204.5	494.7	462.9	146.4	25.3	171.7	125.1	56.9	86.7	143.6	97.1	123.3	27.0	150.3	119.8
1983	313.0	278.8	591.8	485.2	175.9	28.2	204.1	149.7	58.7	99.4	158.1	98.6	136.3	27.1	163.4	127.9
1984	348.8	307.1	655.9	540.7	189.5	25.7	215.2	170.6	60.4	109.1	169.5	103.7	165.4	32.0	197.4	136.4
1985	359.5	271.3	630.8	554.7	190.7	40.3	231.0	187.6	58.1	99.7	157.8	108.2	168.8	26.0	194.8	153.3
1986	365.5	228.0	593.5	568.7	214.9	68.3	283.2	198.9	69.5	71.7	141.2	116.0	171.8	42.2	214.0	159.7
1987	401.6	252.4	654.0	592.0	234.6	86.8	321.4	208.6	77.0	79.4	156.4	124.4	186.5	57.5	244.0	170.1
1988	428.3	295.3	723.6	613.7	249.5	64.5	314.0	209.8	75.4	65.3	140.7	124.2	194.3	42.8	237.1	171.5
1989	428.6	310.1	738.7	631.3	235.1	77.8	312.9	213.7	83.3	71.5	154.8	129.6	178.6	54.4	233.0	167.3
1990	478.5	219.4	697.9	612.9	244.6	77.2	321.8	218.9	82.5	85.4	167.9	115.9	185.1	36.1	221.2	166.6

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - SOUTH ATLANTIC (CONT.)

(Thousands of Metric Tonnes)

YEAR	SOUTH CAROLINA				VIRGINIA				OTHER DE - DC - WV				SOUTH ATLANTIC			
	U.S.	Canada	N.A.	Consump- tion	U.S.	Canada	N.A.	Consump- tion	U.S.	Canada	N.A.	Consump- tion	U.S.	Canada	N.A.	Consump- tion
1978	45.6	26.1	71.7	51.7	25.9	172.0	197.9	109.0	19.7	156.2	175.9	233.9	540.2	847.7	1,387.9	1,166.9
1979	48.5	14.6	63.1	53.4	32.2	170.1	202.3	111.9	22.6	156.3	178.9	251.0	614.5	755.3	1,369.8	1,209.5
1980	59.0	19.2	78.2	55.2	53.4	172.9	226.3	110.8	56.8	127.1	183.9	248.9	813.3	658.4	1,471.7	1,220.4
1981	60.8	21.1	81.9	57.8	83.7	180.8	264.5	110.2	37.1	135.6	172.7	254.1	884.6	688.9	1,573.5	1,251.8
1982	58.8	15.7	74.5	57.4	84.3	180.8	265.1	108.7	41.2	121.8	163.0	244.6	801.1	661.8	1,462.9	1,215.6
1983	63.2	15.2	78.4	60.2	76.8	138.9	215.7	112.3	95.9	89.3	185.2	254.7	919.8	676.9	1,596.7	1,288.6
1984	68.0	17.2	85.2	62.2	97.3	178.8	276.1	124.5	112.0	91.8	203.8	275.3	1,041.4	761.7	1,803.1	1,413.4
1985	72.6	13.2	85.8	68.1	106.2	173.3	279.5	132.2	112.9	94.8	207.7	281.2	1,068.8	718.6	1,787.4	1,485.3
1986	76.1	15.3	91.4	71.4	103.9	205.6	309.5	142.7	115.8	85.9	201.7	288.6	1,117.5	717.0	1,834.5	1,546.0
1987	79.8	10.1	89.9	73.0	118.2	185.6	303.8	144.8	112.0	127.8	239.8	305.3	1,209.7	799.6	2,009.3	1,618.2
1988	75.1	10.4	85.5	72.6	109.0	214.4	323.4	146.6	100.6	114.7	215.3	308.8	1,232.2	807.4	2,039.6	1,647.2
1989	86.6	7.8	94.4	78.3	125.6	219.7	345.3	146.9	90.9	112.9	203.8	316.7	1,228.7	854.2	2,082.9	1,683.8
1990	88.6	16.1	104.7	78.1	143.4	217.1	360.5	140.1	108.1	83.5	191.6	300.7	1,330.8	734.8	2,065.6	1,633.2

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - SOUTH CENTRAL

(Thousands of Metric Tonnes)

YEAR	KENTUCKY				LOUISIANA				TENNESSEE				TEXAS			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	70.3	99.9	170.2	80.0	126.1	4.2	130.3	115.0	121.4	22.0	143.4	112.8	597.2	54.5	651.7	542.0
1979	70.6	105.0	175.6	78.2	128.9	3.8	132.7	120.1	125.5	25.9	151.4	114.3	626.2	58.8	685.0	581.6
1980	75.6	87.1	162.7	73.7	142.9	2.4	145.3	124.3	126.8	40.9	167.7	107.9	658.3	60.7	719.0	586.0
1981	69.9	80.5	150.4	69.4	143.5	2.8	146.3	121.9	130.2	67.8	198.0	107.9	729.9	53.2	783.1	621.1
1982	57.0	59.3	116.3	66.0	136.1	4.6	140.7	118.0	135.5	60.8	196.3	107.8	733.3	58.8	792.1	648.4
1983	62.0	49.9	111.9	67.4	131.0	4.6	135.6	117.7	129.5	101.9	231.4	107.6	755.7	96.6	852.3	707.1
1984	58.0	54.8	112.8	70.7	143.0	1.7	144.7	122.3	147.7	105.7	253.4	116.6	845.2	121.9	967.1	770.1
1985	54.3	67.7	122.0	72.8	132.3	6.9	139.2	121.9	151.6	90.2	241.8	115.4	774.9	148.1	923.0	748.8
1986	59.8	74.7	134.5	71.9	133.8	6.5	140.3	117.9	151.7	84.6	236.3	119.2	688.0	144.4	832.4	710.6
1987	61.4	78.1	139.5	71.5	139.3	10.4	149.7	111.3	158.2	99.7	257.9	120.4	684.2	159.0	843.2	659.3
1988	62.3	74.9	137.2	70.3	132.0	11.3	143.3	109.5	160.2	95.5	255.7	121.8	687.3	166.7	854.0	637.5
1989	50.9	46.3R	97.2R	69.8	119.2	10.5	129.7	105.9	146.2	115.5	261.7	120.4	681.0	187.0	868.0	666.0
1990	65.4	30.8	96.2	68.1	142.7	6.0	148.7	111.3	158.5	112.5	271.0	118.9	738.2	183.3	921.5	689.5

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - SOUTH CENTRAL (CONT.) - SOUTH

(Thousands of Metric Tonnes)

YEAR	OTHER AL - AR - MS - OK				SOUTH CENTRAL				SOUTH			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	241.3	6.2	247.5	221.3	1,156.3	186.8	1,343.1	1,071.1	1,696.5	1,034.5	2,731.0	2,238.0
1979	250.1	11.0	261.1	228.4	1,201.3	204.5	1,405.8	1,122.6	1,815.8	959.8	2,775.6	2,332.1
1980	261.6	32.6	294.2	221.9	1,265.2	223.7	1,488.9	1,113.8	2,078.5	882.1	2,960.6	2,334.2
1981	265.9	16.9	282.8	221.8	1,339.4	221.2	1,560.6	1,142.1	2,224.0	910.1	3,134.1	2,393.9
1982	259.5	29.9	289.4	223.0	1,321.4	213.4	1,534.8	1,163.2	2,122.5	875.2	2,997.7	2,378.8
1983	258.8	23.9	282.7	221.8	1,337.0	276.9	1,613.9	1,221.6	2,256.8	953.8	3,210.6	2,510.2
1984	257.6	55.0	312.6	229.5	1,451.5	339.1	1,790.6	1,309.2	2,492.9	1,100.8	3,593.7	2,722.6
1985	256.8	69.9	326.7	239.6	1,369.9	382.8	1,752.7	1,298.5	2,438.7	1,101.4	3,540.1	2,783.8
1986	262.9	68.3	331.2	237.8	1,296.2	378.5	1,674.7	1,257.4	2,413.7	1,095.5	3,509.2	2,803.4
1987	298.3	54.1	352.4	243.2	1,341.4	401.3	1,742.7	1,205.7	2,551.1	1,200.9	3,752.0	2,823.9
1988	310.9	41.0	351.9	245.4	1,352.7	389.4	1,742.1	1,184.5	2,584.9	1,196.8	3,781.7	2,831.7
1989	320.4	41.9	362.3	247.5	1,317.7	401.2R	1,718.9R	1,209.6	2,546.4	1,255.4R	3,801.8R	2,893.4
1990	343.6	28.4	372.0	258.0	1,448.4	361.0	1,809.4	1,245.8	2,779.2	1,095.8	3,875.0	2,879.0

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - MOUNTAIN

(Thousands of Metric Tonnes)

YEAR	COLORADO				NEVADA				UTAH			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	62.5	102.3	164.8	137.5	13.8	18.1	31.9	28.6	19.1	17.4	36.5	35.5
1979	53.1	108.0	161.1	156.8	16.5	18.3	34.8	32.5	21.4	17.9	39.3	36.9
1980	74.0	96.0	170.0	155.2	19.2	14.1	33.3	32.1	23.9	16.5	40.4	36.8
1981	73.1	114.3	187.4	166.3	21.8	12.0	33.8	33.1	29.3	17.8	47.1	36.0
1982	68.4	123.1	191.5	173.6	21.7	16.9	38.6	35.1	25.7	17.1	42.8	34.4
1983	68.4	133.4	201.8	180.5	20.1	19.7	39.8	36.3	24.3	25.9	50.2	35.6
1984	70.2	153.7	223.9	196.3	25.5	17.7	43.2	38.0	21.9	31.9	53.8	37.9
1985	66.1	133.6	199.7	195.1	26.2	15.7	41.9	39.5	22.4	29.1	51.5	39.5
1986	96.7	115.5	212.2	191.0	27.0	21.4	48.4	39.7	25.7	19.2	44.9	37.7
1987	81.4	130.9	212.3	188.6	31.7	28.4	60.1	44.8	28.2	28.8	57.0	35.2
1988	72.5	128.9	201.4	180.9	31.3	24.9	56.2	46.7	29.9	23.8	53.7	33.7
1989	109.5	93.3	202.8	176.7	16.3	35.6	51.9	48.3	27.1	18.9	46.0	36.6
1990	88.8	113.9	202.7	179.3	23.9	32.5	56.4	46.6	30.3	13.8	44.1	36.2

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - MOUNTAIN (CONT'D)

(Thousands of Metric Tonnes)

YEAR	OTHER AZ - ID - MT - NM - WY				MOUNTAIN			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	72.8	82.1	154.9	150.0	168.2	219.9	388.1	351.6
1979	95.2	84.7	179.9	166.4	186.2	228.9	415.1	392.6
1980	105.2	76.0	181.2	172.9	222.3	202.6	424.9	397.0
1981	135.7	65.7	201.4	175.0	259.9	209.8	469.7	410.4
1982	122.3	59.6	181.9	170.8	238.1	216.7	454.8	413.9
1983	129.4	68.7	198.1	182.6	242.2	247.7	489.9	435.0
1984	148.3	77.8	226.1	204.2	265.9	281.1	547.0	476.4
1985	128.3	89.2	217.5	214.7	243.0	267.6	510.6	488.8
1986	127.7	99.3	227.0	209.6	277.1	255.4	532.5	478.0
1987	147.0	113.9	260.9	209.1	288.3	302.0	590.3	477.7
1988	137.7	97.6	235.3	199.4	271.4	275.2	546.6	460.7
1989	123.8	115.4	239.2	200.9	276.7	263.2	539.9	462.5
1990	132.8	109.1	241.9	195.3	275.8	269.3	545.1	457.4

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - PACIFIC

(Thousands of Metric Tonnes)

YEAR	CALIFORNIA				OREGON				WASHINGTON				PACIFIC			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	515.4	808.0	1,323.4	1,029.3	73.1	30.5	103.6	80.1	71.9	90.1	162.0	135.2	660.4	928.6	1,589.0	1,244.6
1979	571.8	741.6	1,313.4	1,044.7	88.8	26.7	115.5	93.1	94.9	111.2	206.1	151.1	755.5	879.5	1,635.0	1,288.9
1980	665.6	698.4	1,364.0	1,062.2	90.3	25.3	115.6	92.4	93.5	126.9	220.4	148.1	849.4	850.6	1,700.0	1,300.7
1981	856.6	589.1	1,445.7	1,071.3	94.8	21.0	115.8	85.9	107.3	85.7	193.0	143.7	1,058.7	695.8	1,754.5	1,300.9
1982	799.9	549.3	1,349.2	1,033.0	80.4	31.5	111.9	80.4	97.0	73.2	170.2	132.7	977.3	654.0	1,631.3	1,246.1
1983	784.4	605.0	1,389.4	1,035.9	84.6	40.8	125.4	85.3	89.1	88.1	177.2	131.3	958.1	733.9	1,692.0	1,252.5
1984	884.2	587.0	1,471.2	1,176.4	100.5	35.1	135.6	87.9	98.8	79.7	178.5	145.6	1,083.5	701.8	1,785.3	1,409.9
1985	840.0	647.1	1,487.1	1,196.6	97.6	43.5	141.1	90.7	83.6	99.1	182.7	137.4	1,021.2	789.7	1,810.9	1,424.7
1986	889.1	704.1	1,593.2	1,209.9	101.7	45.7	147.4	93.6	82.4	103.6	186.0	137.6	1,073.2	853.4	1,926.6	1,441.1
1987	947.3	708.4	1,655.7	1,285.4	106.4	44.8	151.2	93.8	91.1	83.6	174.7	139.4	1,144.8	836.8	1,981.6	1,518.6
1988	953.0	766.0	1,719.0	1,297.9	112.3	36.5	148.8	94.2	99.0	67.9	166.9	139.2	1,164.3	870.4	2,034.7	1,531.3
1989	922.0	777.1R	1,699.1R	1,357.2	118.5	29.1	147.6	98.1	110.3	66.5	176.8	144.7	1,150.8	872.7R	2,023.5R	1,600.0
1990	1,087.0	843.7	1,930.7	1,381.0	112.3	48.5	160.8	102.1	120.9	64.8	185.7	151.1	1,320.2	957.0	2,277.2	1,634.2

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

SHIPMENTS BY DESTINATION AND CONSUMPTION BY DAILY NEWSPAPERS

REGIONS AND STATES - WEST AND GRAND TOTAL

(Thousands of Metric Tonnes)

YEAR	NON-CONTINENTAL U.S. AK - HI				WEST				GRAND TOTAL			
	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption	U.S.	Canada	N.A.	Consumption
1978	6.0	35.8	41.8	39.2	834.6	1,184.3	2,018.9	1,635.4	3,333.1	6,443.1	9,776.2	7,627.9
1979	9.4	35.8	45.2	40.7	951.1	1,144.2	2,095.3	1,722.2	3,602.2	6,371.5	9,973.7	7,877.7
1980	9.2	37.6	46.8	42.8	1,080.9	1,090.8	2,171.7	1,742.5	4,058.3	6,117.6	10,175.9	7,789.3
1981	13.5	36.0	49.5	44.3	1,332.1	941.6	2,273.7	1,755.6	4,452.2	6,060.7	10,512.9	7,812.8
1982	12.5	40.0	52.5	46.5	1,227.9	910.7	2,138.6	1,706.5	4,250.9	5,583.5	9,834.4	7,607.5
1983	13.6	44.9	58.5	48.7	1,213.9	1,026.5	2,240.4	1,736.2	4,409.3	5,969.2	10,378.5	7,897.6
1984	19.9	43.8	63.7	51.8	1,369.3	1,026.7	2,396.0	1,938.1	4,807.0	6,500.2	11,307.2	8,531.9
1985	12.8	47.0	59.8	50.7	1,277.0	1,104.3	2,381.3	1,964.2	4,648.0	6,593.5	11,241.5	8,724.5
1986	17.7	34.2	51.9	48.8	1,368.0	1,143.0	2,511.0	1,967.9	4,777.6	6,671.9	11,449.5	8,865.1
1987	19.7	32.8	52.5	49.2	1,452.8	1,171.6	2,624.4	2,045.5	5,026.3	7,072.5	12,098.8	9,124.7
1988	24.1	28.3	52.4	45.6	1,459.8	1,173.9	2,633.7	2,037.6	5,033.3	6,989.0	12,022.3	9,050.5
1989	25.4	27.4	52.8	47.5	1,452.9	1,163.3R	2,616.2R	2,110.0	5,029.5	6,751.2	11,780.7	9,095.0R
1990	24.2	36.0	60.2	53.2	1,620.2	1,262.3	2,882.5	2,144.8	5,580.2	6,422.9	12,003.1	8,900.1

R - Revised

SOURCE: Newsprint Division, American Paper Institute, Newsprint Section, Canadian Pulp and Paper Association and the American Newspaper Publishers Association.

UNITED STATES NEWSPAPERS

YEAR	CIRCULATIONS					ADVERTISING		
	U.S. Households (000's)	Newspaper Circulations		Circulations Per Household		% of Total Pages	Expenditures	
		Daily	Sunday				Millions of \$	% of Total
		(Millions)		Daily	Sunday			
1972	66,676	62.5	50.0	0.94	0.75	64.4	6,938	29.9
1973	68,251	63.1	51.7	0.92	0.76	65.5	7,481	29.9
1974	69,859	61.9	51.7	0.89	0.74	65.6	7,842	29.5
1975	71,120	60.7	51.1	0.85	0.72	64.0	8,234	29.5
1976	72,867	61.0	51.6	0.84	0.71	63.5	9,618	28.9
1977	74,142	61.5	52.4	0.83	0.71	63.1	10,751	28.7
1978	76,030	62.0	54.0	0.82	0.71	63.4	12,214	28.2
1979	77,330	62.2	54.4	0.80	0.70	63.7	13,863	28.4
1980	80,776(1)	62.2	54.7	0.77	0.68	62.6	14,794	27.6
1981	82,368	61.4	55.2	0.75	0.67	62.3	16,528	27.4
1982	83,527	62.5	56.3	0.75	0.67	62.2	17,694	26.6
1983	83,918	62.6	56.7	0.75	0.68	62.5	20,582	27.1
1984	85,407	63.1	57.5	0.74	0.67	63.0	23,522	26.8
1985	86,789	62.8	58.8	0.72	0.68	62.8	25,170	26.6
1986	88,458	62.5	58.9	0.71	0.67	62.2	26,990	26.4
1987	89,479R	62.8	60.1	0.70	0.67	62.0	29,412	26.8
1988	91,066R	62.7	61.5	0.69	0.68	62.7	31,197	26.4
1989	92,830R	62.6	62.0R	0.68	0.67	61.6	32,368	26.1R
1990	93,347P	62.3P	62.4P	0.67	0.69	63.4	32,281P	25.3

SOURCE: Department of Commerce, Editor and Publisher, Media Records and Robert J. Coen, McCann-Erickson, Inc.

(1) - Figures were revised as of 1980 Census. Total revised series not available at this time.

P - Preliminary

R - Revised

UNITED STATES NEWSPAPERS (CONT'D)

YEAR	INSERTS(1)			ADVERTISING LINAGE - SELECTED PUBL.(3)	
	Total Millions of Pieces	% Chg. From Previous Year	Estimated Consumption M Tonnes(2)	Thousands of Column Inches	% Chg.
1972	10,565	+ 18.5	349		
1973	11,895	+ 12.6	393		
1974	15,365	+ 29.2	507		
1975	15,800	+ 2.8	522		
1976	16,766	+ 6.1	553		
1977	20,101	+ 19.9	664		
1978	23,988	+ 19.3	792		
1979	27,132	+ 13.1	895		
1980	27,733	+ 2.2	915		
1981	28,708	+ 3.5	947		
1982	29,966	+ 4.4	988		
1983	35,727	+ 19.2	1,178		
1984	41,265	+ 15.5	1,361	68,200	-
1985	45,379	+ 10.0	1,497	76,945	+ 12.8
1986	51,503	+ 13.5	1,699	86,365	+ 12.2
1987	54,778	+ 6.4	1,808	93,770	+ 8.6
1988	56,428	+ 3.0	1,862	98,037	+ 4.6
1989	59,758	+ 5.9	1,972	94,751R	- 3.4
1990	64,341	+ 7.7	2,122	98,431	+ 3.9

SOURCE: Newspaper Advertising Bureau and John Morton Research.

(1) Printing-Writing and Newsprint preprinted advertising inserts (including coupons).

(2) Based on relationship of tonnes to pieces in 1984 i.e., 41,265 millions of pieces = 1,361 tonnes (32.98 tonnes per million pieces).

(3) John Morton Research - Includes the public held Newspaper Publisher Organizations: i.e., Gannett, Knight-Ridder, Times Mirror Co., Tribune Co., and Washington Post.

R - Revised

U.S. NEWSPAPER GROUPS - RANKED BY DAILY CIRCULATION

Public Companies Underlined

	DAILY CIRCULATION ⁽¹⁾	NUMBER OF DAILIES	SUNDAY CIRCULATION	NUMBER OF SUNDAYS
1. <u>Gannett Company, Inc.</u>	5,943,792	82	6,217,298	65
2. <u>Knight-Ridder, Inc.</u>	3,864,790	28	5,254,759	24
3. <u>Newhouse Newspapers</u>	3,033,685	26	3,836,598	21
4. <u>Times Mirror Co.*</u>	2,835,563	9	3,353,310	8
5. <u>Tribune Company</u>	2,515,861	9	3,403,824	7
6. <u>Dow Jones & Company, Inc.</u>	2,433,109	24	535,040	15
7. <u>Thomson Newspapers**</u>	2,210,644	125	1,804,843	74
8. <u>New York Times Company</u>	1,961,428	25	2,531,888	17
9. <u>Scripps-Howard Newspapers</u>	1,585,583	21	1,773,818	11
10. <u>Cox Enterprises</u>	1,293,501	16	1,651,635	15
11. <u>Hearst Newspapers</u>	1,210,699	12	2,409,504	10
12. <u>MediaNews Group</u>	1,196,567	21	1,251,709	14
13. <u>Freedom Newspapers</u>	955,885	27	999,898	19
14. <u>Washington Post Company</u>	834,824	2	1,201,443	2
15. <u>Central Newspapers</u>	803,654	7	980,124	4
16. <u>Donrey Media Group</u>	793,417	56	853,438	49
17. <u>McClatchy Newspapers</u>	764,174	11	893,064	8
18. <u>Capital Cities/ABC Corp.</u>	758,271	9	958,121	6
19. <u>Copley Newspapers</u>	757,414	12	765,786	6
20. <u>Chronicle Publishing Co.</u>	741,043	5	903,181	3
21. <u>Media General, Inc.</u>	612,814	4	730,693	3
22. <u>Lee Enterprises</u>	585,931	19	652,597	15
23. <u>News America Publ. (Murdoch)</u>	544,514	2	512,318	2
24. <u>Landmark Communications</u>	543,868	10	579,983	8
25. <u>E.M. Warburg Pincus & Co.***</u>	537,699	16	529,663	11
26. <u>Pulitzer Publishing Co.</u>	526,212	3	792,828	3
27. <u>Morris Communications Corp.</u>	516,571	13	618,391	7
28. <u>Howard Publications</u>	450,996	19	371,260	11
29. <u>A.H. Belo Corp.</u>	446,595	7	639,816	7
30. <u>American Publishing Co. (Hollinger)</u>	434,778	71	135,172	10
31. <u>Cowles Newspapers</u>	424,957	2	666,840	1
32. <u>Block Newspapers</u>	351,013	3	252,518	2
33. <u>Ogden Newspapers</u>	320,511	21	172,336	6
34. <u>Park Communications, Inc.</u>	312,734	41	184,069	20
35. <u>Multimedia, Inc.</u>	308,262	13	339,283	6
36. <u>Harte-Hanks Communications</u>	295,515	9	340,205	7
37. <u>Stauffer Publications, Inc.</u>	271,665	20	197,664	9
38. <u>Omaha World Herald Co.</u>	260,354	6	307,006	3
39. <u>Seattle Times Co.</u>	249,066	2	525,994	2
40. <u>Walls Newspapers (Southern)</u>	237,208	26	178,687	16
41. <u>Persis Corp.</u>	236,672	6	276,118	4
42. <u>Leshner Communications</u>	223,558	8	203,121	5
43. <u>Calkins Newspapers</u>	219,271	5	242,577	5
44. <u>Macromedia</u>	211,350	2	281,239	2
45. <u>Scripps League Newspapers</u>	210,660	20	109,047	8
46. <u>Worrell Newspapers</u>	206,224	17	174,574	11
47. <u>Schurz Communications</u>	203,554	8	243,544	5
48. <u>Cooke Media</u>	203,154	2	215,586	1

(1) Average for six months ended September 30, 1990.

SOURCE: Audit Bureau of Circulations "FAS-FAX", Editor & Publisher 1990 Yearbook and John Morton Newspaper Research Newsletter.

SELECTED PUBLISHER ORGANIZATIONS - ADVERTISING

1990

PUBLISHER	ADVERTISING LINAGE			AD REVENUE (Thousands of Dollars)
	EXCL. PREPRINTS	PREPRINTS (Thousands of Column Inches)	TOTAL	
Gannett	70,815	57,374	128,189	1,919,171
Knight-Ridder	33,140	15,703	48,843	1,556,932
Times Mirror	21,564	12,450	34,014	1,652,384
Tribune	27,284	11,529	38,813	1,134,062
Washington Post	4,125	1,524	5,649	N.A.
Lee Enterprises	N.A.	N.A.	11,082	138,407
Media General	N.A.	N.A.	8,790	297,561
Multimedia	N.A.	N.A.	173,268	105,895
New York Times (1) (Regional)	N.A.	N.A.	36,595	N.A.

SOURCE: John Morton Research

N.A. Not Available

(1) New York Times - national is reported in thousands of lines equaling: 108,039

SECTION III

INTERNATIONAL DATA

UNITED STATES IMPORTS AND EXPORTS BY COUNTRY (Pages 38-40)

The figures for U.S. imports and exports set forth in these tables are obtained from the U.S. Foreign Trade Division Bureau of Census. After 1989, import and export data is not fully comparable with those shown for earlier years because of the shift to the International Harmonized Commodity Description and Coding System that Commerce introduced in the U.S. imports and exports statistics in January 1990.

DATA FOR TOTAL WORLD (Pages 41-45)

The data for individual countries of the world for production were obtained from the Food and Agricultural Organization of the United Nations' Yearbook of Forest Products (1989 Edition). Capacity figures were obtained mostly from the CPPA's Newsprint Data Book - 1989. Other sources used for capacity were: European Paper Institute, Food and Agricultural Organization of the United Nations' Yearbook of Forest Products (1990 Edition), and the Newsprint Division, API.

Production	41
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Capacity	42-45
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UNITED STATES IMPORTS BY COUNTRY OF ORIGIN (Bureau of Census)

(Thousands of Metric Tonnes)

YEAR	CANADA	IMPORTS FROM OVERSEAS										TOTAL IMPORTS FROM OVERSEAS	TOTAL
		SWEDEN	NORWAY	FINLAND	CHILE	WEST GERMANY	UNITED KINGDOM	ITALY	ROMANIA	REPUBLIC OF SOUTH AFRICA	OTHER		
1972	6,143	-	-	298	-	-	-	-	-	-	-	298	6,441
1973	6,377	-	-	346	-	-	-	-	-	-	-	346	6,723
1974	6,519	-	-	193	-	-	-	-	-	-	-	193	6,712
1975	5,273	-	-	30	-	-	-	-	-	-	-	30	5,303
1976	5,906	31	7	6	-	-	1	-	-	-	7	52	5,958
1977	5,950	-	-	-	-	-	-	-	-	-	-	0	5,950
1978	6,784	-	-	5	-	-	-	-	-	-	-	5	6,789
1979	6,420	32	5	55	-	-	13	4	-	8	15	132	6,552
1980	6,466	49	14	7	-	-	34	8	1	-	10	123	6,589
1981	6,292	21	11	3	-	1	-	-	-	-	-	36	6,328
1982	5,883	18	18	6	-	-	-	-	-	-	-	42	5,925
1983	6,210	18	30	16	-	2	-	-	-	-	1	67	6,277
1984	6,974	78	57	28	7	8	-	3	5	4	3	193	7,167
1985	7,375	119	71	42	10	4	17	23	3	34	10	333	7,708
1986	7,489	135	80	24	2	-	11	1	-	39	9	301	7,790
1987	7,796	169	68	35	-	5	2	13	-	19	45(1)	356	8,152
1988	7,710(3)	161	45	25	-	-	2	2	-	13	27(2)	275	7,985(3)
1989	7,558(4)	130	37	23	1	1	-	-	-	-	10	202	7,760(4)
1990	7,365	96	33	30	-	-	-	-	-	-	4	163	7,528

(1) Mexico = 36

(2) Mexico = 20

(3) (4) - Figures adjusted between years because of understatement in December 1988 and overstatement in January 1989.

UNITED STATES EXPORTS BY COUNTRY OF DESTINATION (BUREAU OF CENSUS)

(Thousands of Metric Tonnes)

YEAR	Canada	LATIN AMERICA							Total Europe
		Mexico	Central America & Carib.	Colombia	Venezuela	Peru	Other	Total Latin America	
1972	4	36	4	-	16	10	13	79	16
1973	3	32	3	4	18	2	12	71	8
1974	4	67	10	5	18	-	7	107	21
1975	5	54	8	3	22	4	10	101	14
1976	4	51	4	4	15	-	4	78	12
1977	3	56	4	3	18	-	3	84	15
1978	2	18	4	3	14	-	1	40	17
1979	2	6	5	1	16	-	-	28	10
1980	3	24	7	2	20	3	-	56	14
1981	8	60	7	2	27	7	2	105	3
1982	3	41	7	4	18	2	3	75	3
1983	4	19	6	3	14	2	2	46	1
1984	4	8	8	6	9	2	2	35	-
1985	4	8	8	5	9	1	1	32	1
1986	6	8	13	4	17	12	20	74	-
1987	4	2	6	4	12	5	6	35	2
1988	5	2	7	5	8	1	1	24	1
1989	8	12	13	5	5	-	14(1)	49	2
1990	19	14	22	8	9	-	4(1)	57	7

(1) Brazil = 11; Other = 3

UNITED STATES EXPORTS BY COUNTRY OF DESTINATION (BUREAU OF CENSUS) (CON'T)

(Thousands of Metric Tonnes)

YEAR	A S I A										Australia & Oceania	Africa	Grand Total
	India Sri Lanka Pakistan	Malay- sia	Singa- pore	Indo- nesia	Phil. Republic	Hong Kong	Taiwan	Japan	Other	Total Asia			
1972	4	-	2	4	19	2	-	1	-	32	1	-	132
1973	-	-	-	2	-	2	-	-	1	5	1	-	88
1974	3	-	1	-	-	1	-	8	9	22	4	13	171
1975	7	-	1	1	-	2	-	1	5	17	-	13	150
1976	-	-	-	-	-	6	-	-	11	17	1	3	114
1977	-	-	-	11	-	1	-	-	1	13	1	1	117
1978	-	-	-	8	-	-	-	-	3	11	5	-	75
1979	-	-	-	7	-	-	-	16	1	24	-	-	64
1980	-	-	-	14	-	-	-	70	1	85	1	-	159
1981	3	-	1	6	1	-	-	116	-	127	-	2	245
1982	2	-	5	20	-	5	4	160	-	196	1	1	279
1983	3	6	14	11	-	7	10	164	2	217	-	-	268
1984	2	26	12	5	1	14	13	166	-	239	-	-	278
1985	8	18	7	14	-	22	7	165	1	242	6	-	285
1986	-	31	5	9	-	29	16	176	7	267	5	4	356
1987	1	15	7	-	-	17	14	182	8	244	12	11	308
1988	3	23	8	1	2	34	26	217	35(1)	349	3	6	388
1989	11	32	4	-	1	43	46	255	87(2)	479	0	29	567
1990	-	22	1	-	-	45	37	257	19(1)	381	-	-	486

(1) Kuwait = 8; Thailand = 5; Republic of China = 21; Other = 1

(2) Kuwait = 15; Turkey = 11; Republic of China = 27; Republic of Korea = 15; Other = 19

WORLD PRODUCTION (Thousands of Metric Tonnes)

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
WORLD	23404	24533	25415	26513	24962	25999	27790	28246	29325	30856	31999	32314
AFRICA	235	242	244	324	382	410	319	351	396	348	438	437
KENYA					2	6	8	7	6	7	8	6
MADAGASCAR	4F	4F	4F	4F	1	1	1	1	1			
NIGERIA									33	33F	52	52F
SOUTH AFRICA	218	224	224	302	362	385	293	325	335	285	350	350F
TANZANIA										5	9	9F
ZIMBABWE	13	14	16	18	17	18	17	18	21	18	19	19F
N C AMERICA	12314	12489	12679	13828	12816	13330	14242	14174	14764	15324	15816	15821
CANADA	8812	9709	8625	8946	8117	8486	9014	8991	9289	9673	9889	9678
MEXICO	84	95	116	129	125	157	199	280	367	351	420	420F
USA	3418	3685	4238	4753	4574	4687	5029	4923	5108	5300	5427	5523
SOUTH AMERIC	286	382	363	371	350	439	481	581	617	642	649	626
ARGENTINA	38	84	97	110	94	188	202	201	230	230F	218F	221
BRAZIL	116	109	105	105	107	106	109	208	218	232	247	230
CHILE	132	134	131	131	124	155	170	172	189	180	184	175
PERU		45	30	25	25F	10						
ASIA	3257	3385	3545	3514	3587	3886	3699	3783	4024	4403	4883	5130
BANGLADESH	32	37	37	34	44	54	54	47	46	47	49	49F
CHINA	354F	331F	375F	378F	403F	443	437	452	553	633	718	718F
INDIA	40	45	40	50	102	170	193	180	260	300	330	330F
INDONESIA								83	48	122	147	147F
ISRAEL	9	3	4	2	2	2F	2F	1	1	2	2F	1
JAPAN	2482	2566	2674	2575	2580	2562	2553	2582	2641	2688	3087	3217
KOREA REP	183	194	249	270	244	232	220	238	273	302	368	444
PHILIPPINES	80	81	80	82	83	71	83	58	49	168	81	103
TURKEY	77	88	88	125	144	147	152	149	150	155	115	115F
VIET NAM					5F	5F	5F	5F	5F	6	6	6F
EUROPE	5395	6255	6391	6520	5806	6007	6897	7130	7328	7670	7902	8123
ALBANIA											3	
AUSTRIA	161	171	178	178	182	178	199	241	234	245	252	255
BEL-LUX	86	90	102	108	99	111	102	109	100	112	114	135
CZECHOSLOVAK	74	74	71	76	79	88	72	72	68	65	74	74F
FINLAND	1126	1513	1589	1703	1501	1613	1878	1811	1646	1628	1400	1298
FRANCE	287	280	261	267	248	219	284	264	303	299	373	379
GERMAN DM RP	103	104	106	107	107	105	109	112	113	124	131	126
GERMANY FR	521	611	606	680	680	654	721	722	761	826	897	991
GREECE		12	9	5	6	15	15	12	11	8	10	10F
IRELAND	1	2										
ITALY	262	272	277	234	198	194	207	178	212	242	264	258
NETHERLANDS	127	119	171	180	150	179	182	191	185	212	305	280
NORWAY	482	568	589	691	688	711	840	877	855	845	882	960
POLAND	89	91	91	82	76	83	86	82	59	89	22	8
ROMANIA	103	102	103	103	91	91F	95	90	100	105	108	108F
SPAIN	110	109	108	108	93	115	104	134	138	135	175	185
SWEDEN	1258	1484	1534	1605	1323	1349	1507	1594	1789	1975	2064	2165
SWITZERLAND	190	186	210	218	210	213	231	232	240	248	263	273F
UK	319	384	363	113	86	80	236	382	476	496	529	572
YUGOSLAVIA	96	84	45	52	29	31	29	27	38	36	36F	36F
OCEANIA	485	488	540	589	629	645	620	652	575	568	617	658
AUSTRALIA	206	208	221	246	307	376	378	354	363	381	362	362
NEW ZEALAND	277	280	319	323	322	269	242	298	212	207	255	296
USSR	1432	1353	1354	1388	1392	1482	1532	1565	1621	1700	1894	1718
DEV PED ALL	22251	23262	24050	25055	23462	24258	25940	26179	26888	27886	29027	29269
N AMERICA	12230	12394	12863	13899	12891	13173	14043	13914	14387	14873	15396	15201
W EUROPE	5026	5884	6020	6152	5453	5660	6535	6774	6988	7307	7564	7807
E EUROPE	369	371	371	368	353	347	362	356	340	363	338	315
OCEANIA	485	468	540	589	629	645	620	652	575	568	617	658
OTH DEV PED	2709	2793	2902	2979	2944	2949	2848	2918	2977	2955	3419	3588
USSR	1432	1353	1354	1388	1392	1482	1532	1565	1621	1700	1894	1718
DEV PING ALL	1153	1271	1366	1439	1500	1743	1850	2067	2427	2790	2971	3045
AFRICA	17	18	20	22	20	25	26	26	61	83	88	87
LAT AMERICA	370	477	479	500	475	596	680	841	984	993	1089	1046
NEAR EAST	77	88	86	125	144	147	152	149	150	155	115	115
FAR EAST	889	688	781	812	861	975	992	1051	1232	1578	1899	1797

SOURCE: Food and Agricultural Organization of the United Nations' Yearbook of Forest Products (1989 Edition) published in 1991.

WORLD CAPACITY

1986-1991

(Thousands of Metric Tonnes)

COUNTRY	1986	1987	1988	1989	1990 Revised	1991 Prel.
United States (1)	5,315	5,449	5,547	5,697	6,160	6,477
Canada (See Note Below)	9,800	9,855	9,945	10,020	10,100	10,430
Scandinavia	<u>4,512</u>	<u>4,512</u>	<u>4,685</u>	<u>4,900</u>	<u>4,910</u>	<u>4,902</u>
Finland (2)	1,448	1,444	1,381	1,370	1,390	1,426
Norway (2)	951	934	924	950	1,055	1,034
Sweden (2)	2,113	2,134	2,380	2,580	2,465	2,442
European Community	<u>3,029</u>	<u>3,179</u>	<u>3,446</u>	<u>3,660</u>	<u>4,200</u>	<u>4,448</u>
Austria	280	280	280	285	345	445
Belgium & Luxembourg	110	115	115	120	115	115
France (2)	291	285	360	370	465	608
Germany, West (2)	779	882	956	1,000	1,120	1,149
Italy	245	245	260	255	275	277
Netherlands	225	245	310	340	375	360
Spain	140	140	165	180	245	253
Switzerland	255	260	270	280	280	255
United Kingdom (2)	509	532	520	620	770	776
Other (Greece & Turkey)	195	195	210	210	210	210
Latin America	<u>1,100</u>	<u>1,100</u>	<u>1,115</u>	<u>1,115</u>	<u>1,115</u>	<u>1,115</u>
Argentina	230	230	240	240	240	240
Brazil	245	245	260	260	260	260
Chile	195	195	195	195	195	195
Mexico	430	430	420	420	420	420
Africa	<u>508</u>	<u>540</u>	<u>581</u>	<u>581</u>	<u>581</u>	<u>581</u>
South African Republic	440	440	440	440	440	440
Other (Nigeria, Kenya, Madagascar, Tanzania and Zimbabwe)	68	100	141	141	141	141
Asia	<u>4,310</u>	<u>4,480</u>	<u>5,005</u>	<u>5,220</u>	<u>5,600</u>	<u>5,990</u>
China	510	510	540	540	540	570
India	280	330	360	360	360	475
Indonesia	120	180	180	180	210	260
Japan	2,840	2,865	3,260	3,410	3,625	3,780
Korea, Republic of	345	380	380	440	560	595
Philippines	85	85	115	140	165	170
Other (Bangladesh and Taiwan)	130	130	170	150	140	140
Australia	400	420	440	440	380	390
New Zealand	340	340	340	340	295	295
Eastern Europe (Estimates)	<u>2,690</u>	<u>2,705</u>	<u>2,750</u>	<u>2,770</u>	<u>2,585</u>	<u>2,680</u>
U.S.S.R	2,110	2,110	2,110	2,110	2,090	2,185
Other (Bulgaria, Czech., Germ. E., Poland, Romania & Yugoslavia)	580	595	640	660	495	495
TOTAL WORLD	32,004	32,580	33,854	34,743	35,926	37,308

SOURCE: Canadian Pulp and Paper Association - Newsprint Data Book 1990

American Paper Institute, Newsprint Division

European Paper Institute

FAO

NOTE: Figures from 1985-1989 for the Canadian mills have been revised to exclude some supercalendered and some soft-nip calendered paper which was originally classified as newsprint and is now classified as uncoated groundwood paper.

ANNOUNCED CAPACITY CHANGES

REST OF THE WORLD

1984-1986

(Metric Tonnes)

COUNTRY	COMPANY	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Austria	Steyrermuhl	June '84	Net	70,000	-	70,000
Taiwan	Chung Hsing	1984	Net	50,000	-	50,000
West Germany, Ettrigen	Gebruder Lang	1984		120,000	-	120,000
India, Pugalur	Tamil Nadu	1st Qtr. '85		40,000	-	40,000
Indonesia, Celeungsi	Aspeck	May '85		60,000	-	60,000
United Kingdom, Shotton	Shotton Paper Co.	May '85		200,000	-	200,000
Finland, Varkaus	A. Ahlstrom	Mid '85		-120,000	-	-120,000
Sweden, Braviken	Holmens Bruk, AB	Aug '85	Net	110,000	-	110,000
Korea	Chonju Paper Mfg. Inc.	Oct '85	Net	70,000	-	70,000
Nigeria, Oku Iboku	Nigerian Newsprint Mfg. Co.	Nov '85		50,000	-	50,000
Sweden, Ortvisen	SCA	Dec '85		130,000	-	130,000
Brazil, Jaguaraiava	PISA	1985	New Mill	115,000	-	115,000
U.S.S.R., KOMI	Suktuvkar, Komi	1985		160,000	-	160,000
Finland	Veitsiluoto	1986	Mach. Shutdown/ Switches	-90,000	NOT AVAILABLE	
Finland, Voikkaa	Kymmene	1986	Mach. Shutdown/ Switches	-60,000		
India, Ratnagiri	Baroda Rayon	1986	New Mill	50,000	-	50,000
India, Tiruchirapalli	Tamil Nadu	1986	New Mill	50,000	-	50,000
Indonesia, Probolinggo	Kertes Leces	1986		90,000	-	90,000
Indonesia, Aka	P.T. Anem Kesong	1986	New Mill	60,000	-	60,000
Sweden, Ortvisen	SCA	1986	New Machine	190,000	-	190,000

ANNOUNCED CAPACITY CHANGES

REST OF THE WORLD

1987-1988

(Metric Tonnes)

COUNTRY	COMPANY	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Finland, Summa	Enso-Gutzeit Oy	May '87	Mach. Shutdown/ Switches	-100,000	NOT AVAILABLE	
France, Grand Couronne	Remap	Fall '87	New Mach.- 180,000-70,000 Net	70,000	-	70,000
Germany, Fed. Rep.	Holtzmann	1987		65,000	-	65,000
Italy	Burgo	1987/90		64,000	-	64,000
Korea, Chung Won-Gun	Dai Han	1987	New Machine	100,000	-	100,000
Netherlands, Renkum	Parengo	Sep '87	Net-New Mach. Replacing Old Machine	110,000	-	110,000
Nigeria, Oku Iboku	Nigerian Newspapers	1987	New Mill	100,000	-	100,000
Nigeria, Oku Iboku	Nigerian Newspapers	Nov '87	Mach. Shutdown	-40,000	-	-40,000
Norway, Skogn	Norske Skogindustrier	1987-91	Mach. Rebuild/ Mdmztn.	100,000	-	100,000
Spain, Renteria	Paperlera Enspanola	1987-89		50,000	-	50,000
Switzerland, Utzenstorf	Papierfabrik Utzenstorf	1987		20,000	-	20,000
Japan	Honshu/Kushiro	1987	Rebuild	28,000	-	28,000
Japan, Yoshinaga	Daishowa	Jan '88	Switch from Other Grades	50,000	-50,000	0
Japan, Tomakomai	Oji	Feb '88	#11 Machine	120,000	-	120,000
China, Tumen	Shi Xiang	Early '88	Machine Purchase	40,000	-	40,000
Japan, Futatsuka	Chuetsu	April '88	New Machine Net	90,000	-	90,000
Japan, Ohe	Marsumi	April '88	New Machine	180,000	-	180,000
Japan, Kawanue	Marsumi	April '88	Machine Shutdown	-70,000	-	-70,000
Sweden, Kvarnsveden	Stora Kopparbergs	May '88	New Machine	215,000	-	215,000
Sweden, Kvarnsveden	Stora Kopparbergs	May '88	Closures -3 Old Machines	-60,000	-	-60,000
Japan, Mishima	Taio	July '88	New Machine	120,000	-	120,000
Argentina, Lules	Papel Tucuman	Late '88	New Machine	22,000	-	22,000
China, Tumen	Jilin Paper	1988	Machine Purchase	60,000	-	60,000
Finland, Kajaani	Kajaani Oy	1988	Rebuild	45,000	-	45,000
Japan, Tomakomai	Oji	1988		74,000	-	74,000
Norway, Honefoss	A/S Follum	1988	Machine Mdmztn.	40,000	-	40,000
Taiwan, I-Lan	Taiwan Chung Hsing	1988	New Machine	40,000	-	40,000
Norway	Union	June '88	Machine Shutdown	-40,000	-	-40,000

ANNOUNCED CAPACITY CHANGES

REST OF THE WORLD

1989

(Metric Tonnes)

COUNTRY	COMPANY	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Finland, Rauma	Rauma Repola	1989	Con. to Other Grades	-70,000	Not Available	
Finland, Summa	Enso-Gutzeit Oy	1989	Rebuild	60,000	-	60,000
Finland, Kaipola	United Paper Mills	Dec. '89	New Machine (Net 180,000)	200,000	-	200,000
Japan, Ishinomaki	Jujo	April '89	New Machine	145,000	-	145,000
Japan, Hokkaido Island	Sanyo-Kokusaku-Yufutsu Mill	Nov. '89	New Machine	120,000	-	120,000
Korea, Chonju	Chonju	July '89	New Machine - 130,000-net-conv. 2 machines to other grades	170,000	Not Available	
Philippines, Pampanga	Picop (Trust International)	Aug. '89	New Mill	55,000	-	55,000
Spain, Madrid	Papelera Peninsular	1989	Modernization	30,000	-	30,000
Sweden, South-West Sweden (Hylte)	Hylte Bruks	March '89	New Mill - Owned 75% by Stora and 25% by Feldnuhle	210,000	-	210,000
Taiwan, Wu Chei I-Lan	Taiwan Chung Hsing	1989	Machine Shutdown	-30,000	-	-30,000
United Kingdom, North Wales	Shotton	Aug. '89	New Machine	220,000	-	220,000

NOTE: For years beyond 1990, see the Newsprint Monthly Report Page 13.

SECTION IV

RECYCLING

UNITED STATES CONSUMPTION

The waste paper consumed in the manufacture of paper and paperboard is reported to API by its members in the Annual Capacity Survey.

The figure for construction paper and board (e.g., roofing felt) and molded pulp containers are partly estimated by API.

The "Other Uses" category is estimated. It includes highway seeding, animal bedding, cellulose insulation, shredding packaging protection and other end uses.

EXPORTS

Export statistics are based on data obtained from the U.S. Bureau of the Census, with the exception of exports to Canada. In the case of Canada, the Canadian Pulp and Paper Association's data showing imports from the United States were deemed to be more accurate.